

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
31 March 2022 (31.03.2022)



(10) International Publication Number
WO 2022/064458 A1

(51) International Patent Classification:

C07D 487/04 (2006.01) A61P 35/00 (2006.01)
A61K 31/519 (2006.01) A61P 29/00 (2006.01)
A61K 31/5025 (2006.01) A61P 37/00 (2006.01)
A61K 31/4985 (2006.01)

(21) International Application Number:

PCT/IB2021/058794

(22) International Filing Date:

27 September 2021 (27.09.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/084,059 28 September 2020 (28.09.2020) US

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(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,

ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

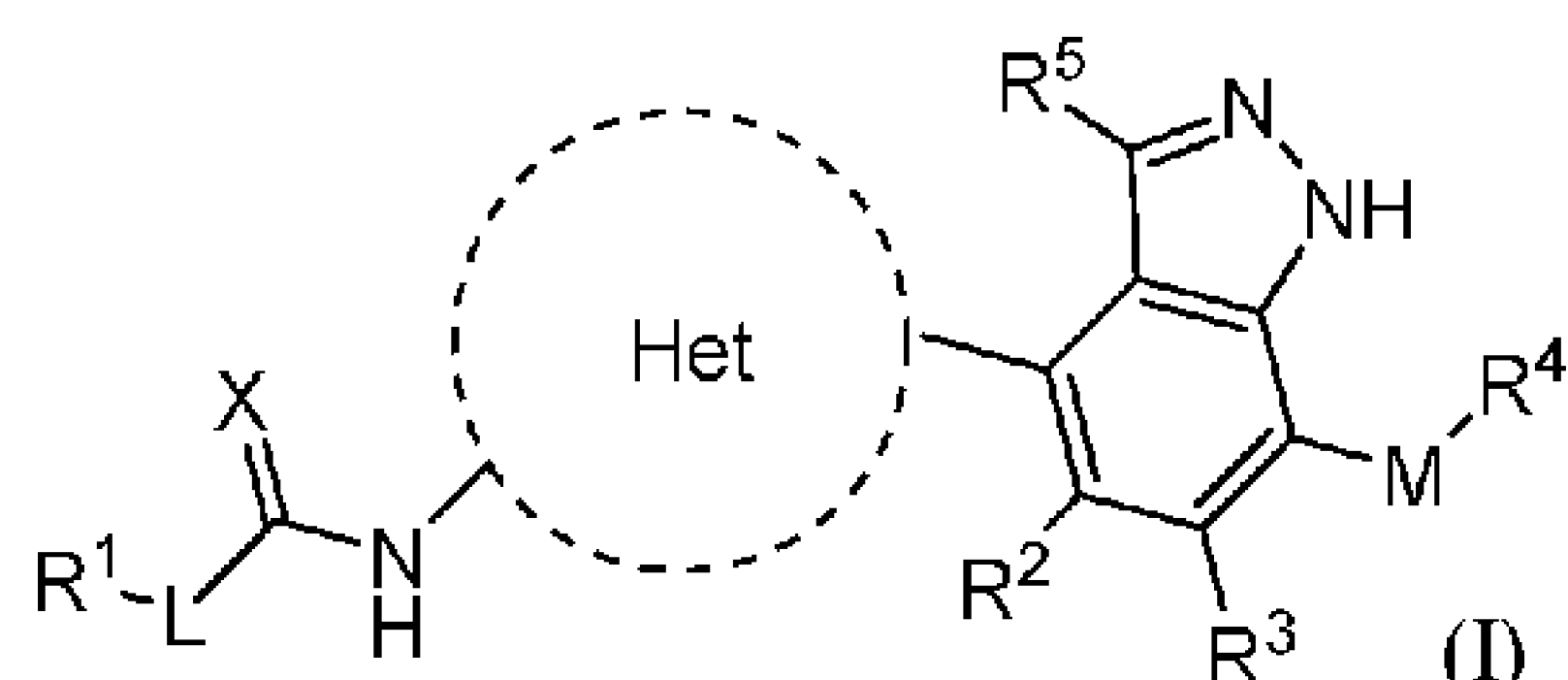
(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

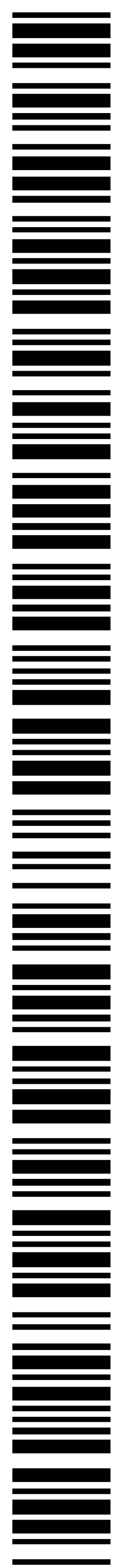
Published:

— with international search report (Art. 21(3))

(54) Title: INDAZOLES AS HEMATOPOIETIC PROGENITOR KINASE 1 (HPK1) INHIBITORS AND METHODS OF USING SAME



(57) Abstract: The present disclosure provides a compound of Formula (I) or pharmaceutically acceptable salts thereof, a composition comprising the compound, methods of using the compound for the treatment of various disorders associated with HPK1, and methods of preparing these compounds.



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INDAZOLES AS HEMATOPOIETIC PROGENITOR KINASE 1 (HPK1) INHIBITORS AND METHODS OF USING SAME**CROSS-REFERENCE TO RELATED APPLICATIONS**

5 **[0001]** This application claims the benefit and priority to U.S. Provisional Patent Application No. 63/084,059, filed on 28 September 2020. The entire disclosure of the application identified in this paragraph is incorporated herein by reference.

FIELD

10 **[0002]** The present disclosure is directed to inhibitors of hematopoietic progenitor kinase 1 (HPK1), pharmaceutical compositions comprising the inhibitors, methods of using the inhibitors for the treatment of various disorders associated with HPK1, and methods of preparing these compounds.

BACKGROUND

15 **[0003]** Immunotherapy is treatment that uses the human body's own immune system to help fight cancer and other disorders. This relatively new approach has achieved remarkable clinical successes in the treatment of a variety of tumor types in recent years, especially with the treatment of immune checkpoint inhibitors and chimeric antigen T-cell therapy. The most investigated checkpoint inhibitors including CTLA4, PD-1, or PD-L1 inhibitors have demonstrated significant antitumor activity by overcoming immunosuppressive mechanisms at the tumor site.

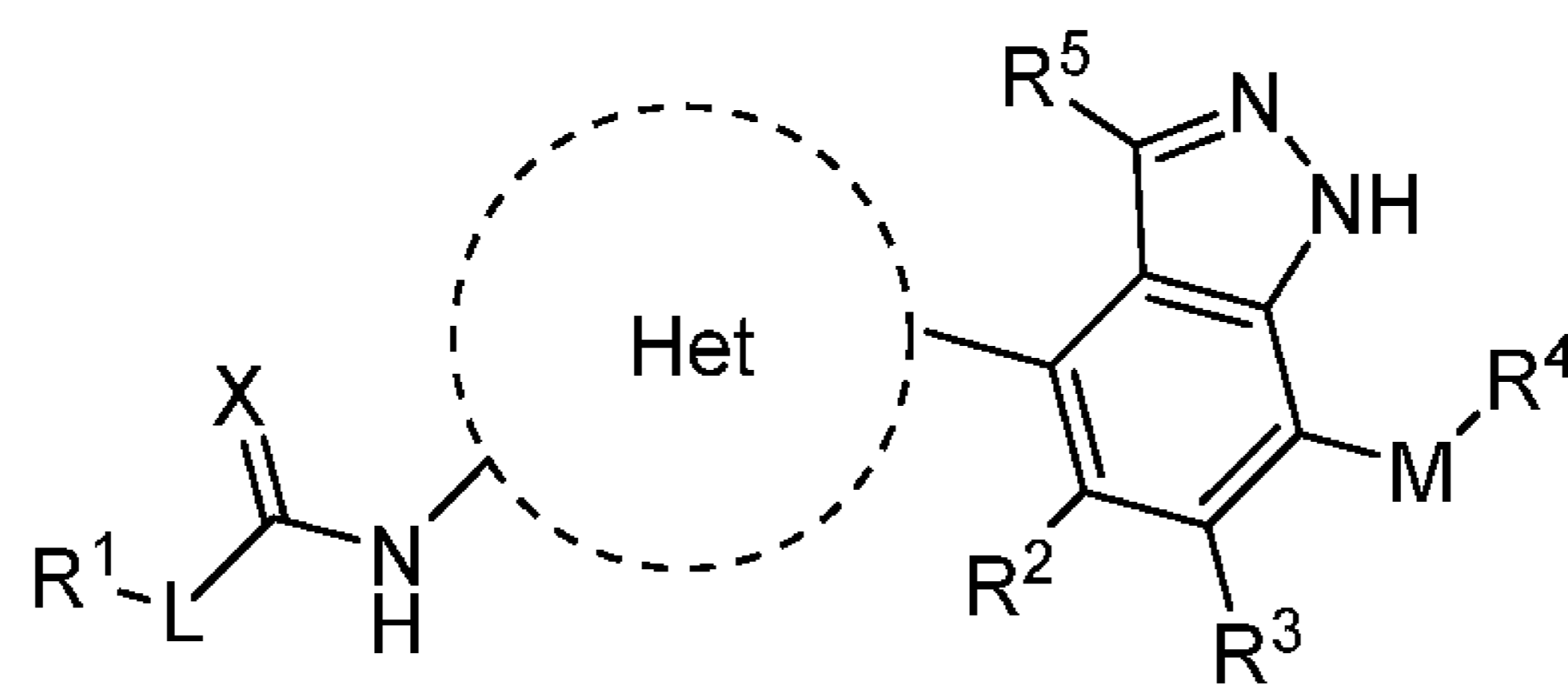
20 **[0004]** Hematopoietic progenitor kinase 1 (HPK1, MAP4K1) is a serine/threonine kinase and a member of MAP4K. HPK1 is prominently expressed in subsets of hematopoietic cell lineages. HPK1 is newly identified as a critical negative regulator in the activation of T lymphocytes and dendritic cells. It has been recently demonstrated that the important roles for kinase activity of HPK1 in anti-cancer immunity as a new intracellular checkpoint molecule as well as potential advantages of combination therapy with current checkpoint regimens. HPK1 inhibition is expected to have dual functions, 1. prolonged activation of T cells; 2. enhanced APC functions by dendritic cells. This dual targeting may synergistically work together for efficient immune responses in tumor microenvironment. Thus, HPK1 has been validated as a novel target for anticancer immunotherapy. Examples of cancers that are treatable using the compounds of the present disclosure include, but are not limited to, all forms of carcinomas, melanomas, blastomas, 25 sarcomas, lymphomas and leukemias, including without limitation, bladder carcinoma, brain tumors, breast cancer, cervical cancer, colorectal cancer, esophageal cancer, endometrial cancer, hepatocellular carcinoma, laryngeal cancer, lung cancer, osteosarcoma, ovarian cancer, pancreatic cancer, prostate cancer, renal carcinoma and thyroid cancer, acute lymphocytic leukemia, acute myeloid leukemia, ependymoma, Ewing's sarcoma, glioblastoma, medulloblastoma, neuroblastoma, osteosarcoma, rhabdomyosarcoma, 30 rhabdoid cancer, and nephroblastoma (Wilm's tumor).

35 **[0005]** Inhibition of HPK1 with small molecule inhibitors has the potential for the treatment of cancer and other disorders [Hernandez, S., et. al., (2018) *Cell Reports* 25, 80-94].

SUMMARY

40 **[0006]** The present disclosure provides novel indazole compounds and pharmaceutically acceptable salts as effective HPK1 inhibitors and dual activators of T cell and dendritic cell.

[0007] One embodiment of the invention is a compound of Formula (I):



Formula (I)

or a pharmaceutically acceptable salt, hydrate, solvate thereof, wherein R^1 , R^2 , R^3 , R^4 , R^5 , Het, M, and L are as defined in the detailed descriptions.

[0008] In another embodiment, there is provided a pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a compound of Formula (I) or a pharmaceutically acceptable salt thereof.

[0009] In yet another embodiment, there is provided a method of treating a subject with a disease or disorder associated with modulation of HPK1 comprising: administering to the subject a therapeutically effective amount of a compound of Formula (I) or a pharmaceutically acceptable salt thereof.

DETAILED DESCRIPTION

[0010] The following description is merely exemplary in nature and is not intended to limit the present disclosure, application, or uses.

[0011] Definitions

[0012] The generic terms used in the present disclosure are herein defined for clarity.

[0013] This specification uses the terms “substituent”, “radical”, “group”, “moiety”, and “fragment” interchangeably.

[0014] As used herein, the term “alkenyl” refers to a straight or branched hydrocarbonyl group with at least one site of unsaturation, i.e., a carbon-carbon, sp^2 double bond. In an embodiment, alkenyl has from 2 to 12 carbon atoms. In some embodiments, alkenyl is a C_2 - C_{10} alkenyl group or a C_2 - C_6 alkenyl group. Examples of alkenyl group include, but are not limited to, ethylene or vinyl ($-\text{CH}=\text{CH}_2$), allyl ($-\text{CH}_2\text{CH}=\text{CH}_2$), cyclopentenyl ($-\text{C}_5\text{H}_7$), and 5-hexenyl ($-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CH}_2$).

[0015] As used herein, the term “alkoxy” is $\text{RO}-$ where R is alkyl. Non-limiting examples of alkoxy groups include methoxy, ethoxy and propoxy.

[0016] As used herein, the term “alkoxyalkyl” refers to an alkyl moiety substituted with an alkoxy group. Examples of alkoxyalkyl groups include methoxymethyl, methoxyethyl, methoxypropyl and ethoxyethyl.

[0017] As used herein, the term “alkoxycarbonyl” is $\text{ROC(O)}-$, where R is an alkyl group as defined herein. In various embodiments, R is a C_1 - C_{10} alkyl group or a C_1 - C_6 alkyl group.

[0018] As used herein, the term “alkyl” refers to a straight or branched chain hydrocarbonyl group. In an embodiment, alkyl has from 1 to 12 carbon atoms. In some embodiments, alkyl is a C_1 - C_{10} alkyl group or a C_1 - C_6 alkyl group. Examples of alkyl groups include, but are not limited to, methyl, ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl, pentyl, hexyl, heptyl, octyl, nonyl and decyl. “lower alkyl” means alkyl having from 1 to 4 carbon atoms.

[0019] As used herein, if the term “ C_1 - C_6 ” is used, it means the number of carbon atoms is from 1 to 6. For example, C_1 - C_6 alkyl means an alkyl which carbon number is any integer of from 1 to 6.

[0020] As used herein, the term “alkylamino” refers to an amino group substituted with one or more alkyl groups. “N-(alkyl)amino” is $\text{RNH}-$ and “N,N-(alkyl) $_2$ amino” is $\text{R}_2\text{N}-$, where the R groups are alkyl as defined herein and are the same or different. In various embodiments, R is a C_1 - C_{10} alkyl group or a C_1 - C_6 alkyl group. Examples of alkylamino groups include methylamino, ethylamino, propylamino, butylamino, dimethylamino, diethylamino, and methylethylamino.

[0021] As used herein, the term “alkylaminoalkyl” refers to an alkyl moiety substituted with an alkylamino group, wherein alkylamino is as defined herein. Examples of alkylaminoalkyl groups include

methylaminomethyl and ethylaminomethyl.

[0022] As used herein, the term “alkynyl” refers to a straight or branched carbon-chain group with at least one site of unsaturation, i.e., a carbon-carbon, sp triple bond. In an embodiment, alkynyl has from 2 to 12 carbon atoms. In some embodiments, alkynyl is a C₂-C₁₀ alkynyl group or a C₂-C₆ alkynyl group.

5 Examples of alkynyl groups include acetylenic ($\text{—C}\equiv\text{CH}$) and propargyl ($\text{—CH}_2\text{C}\equiv\text{CH}$).

[0023] As used herein, the term “aryl” refers to any monocyclic or bicyclic carbon ring of up to 7 atoms in each ring, wherein at least one ring is aromatic, or an aromatic ring system of 5 to 14 carbon atoms which includes a carbocyclic aromatic group fused with a 5- or 6-membered cycloalkyl group. Representative examples of aryl groups include, but are not limited to, phenyl, tolyl, xylyl, naphthyl, tetrahydronaphthyl, anthracenyl, fluorenyl, indenyl, azulenyl and indanyl. A carbocyclic aromatic group
10 can be unsubstituted or optionally substituted.

[0024] As used herein, the term “cycloalkyl” is a hydrocarbyl group containing at least one saturated or partially unsaturated ring structure, and attached via a ring carbon. In various embodiments, it refers to a saturated or a partially unsaturated C₃-C₁₂ cyclic moiety, examples of which include cyclopropyl, cyclobutyl, cyclopentyl, cyclopentenyl, cyclohexyl, cyclohexenyl, cycloheptyl and cyclooctyl. “Cycloalkyloxy” is RO—, where R is cycloalkyl.

[0025] As used herein, the terms “halogen” and “halo” refers to chloro (—Cl), bromo (—Br), fluoro (—F) or iodo (—I). “Haloalkoxy” refers to an alkoxy group substituted with one or more halo groups and examples of haloalkoxy groups include, but are not limited to, —OCF_3 , —OCHF_2 and $\text{—OCH}_2\text{F}$. “Haloalkoxyalkyl” refers to an alkyl moiety substituted with a haloalkoxy group, wherein haloalkoxy is as defined herein. Examples of haloalkoxyalkyl groups include trifluoromethoxymethyl, trifluoroethoxymethyl and trifluoromethoxyethyl. “Haloalkyl” refers to an alkyl moiety substituted with one or more halo groups. Examples of haloalkyl groups include —CF_3 and —CHF_2 .

[0026] As used herein, the term “heteroalkyl” refers to a straight- or branched-chain alkyl group having from 2 to 14 carbons (in some embodiments, 2 to 10 carbons) in the chain, one or more of which has been replaced by a heteroatom selected from S, O, P and N. Exemplary heteroalkyls include alkyl ethers, secondary and tertiary alkyl amines, amides, alkyl sulfides, and the like.

[0027] As used herein, the term “heterocyclyl” includes the heteroaryls defined below and refers to a saturated or partially unsaturated monocyclic, bicyclic or tricyclic group of 2 to 14 ring-carbon atoms and, in addition to ring-carbon atoms, 1 to 4 heteroatoms selected from P, N, O and S. In various
30 embodiments the heterocyclic group is attached to another moiety through carbon or through a heteroatom, and is optionally substituted on carbon or a heteroatom. Examples of heterocyclyl include azetidyl, benzoimidazolyl, benzofuranyl, benzofurazanyl, benzopyrazolyl, benzotriazolyl, benzothiophenyl, benzoxazolyl, carbazolyl, carbolinyl, cinnolinyl, furanyl, imidazolyl, indolinyl, indolyl, indolaziny, indazolyl, isobenzofuranyl, isoindolyl, isoquinolyl, isothiazolyl, isoxazolyl, naphthpyridinyl, oxadiazolyl, oxazolyl, oxazoline, isoxazoline, oxetanyl, pyranyl, pyrazinyl, pyrazolyl, pyridazinyl, pyridopyridinyl, pyridazinyl, pyridyl, pyrimidyl, pyrrolyl, quinazoliny, quinolyl, quinoxalinyl, tetrahydropyranyl, tetrahydrothiopyranyl, tetrahydroisoquinoliny, tetrazolyl, tetrazolopyridyl, thiadiazolyl, thiazolyl, thienyl, triazolyl, azetidyl, 1,4-dioxanyl, hexahydroazepinyl, piperazinyl, piperidinyl, pyridin-2-onyl, pyrrolidinyl, morpholinyl, thiomorpholinyl, dihydrobenzoimidazolyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, dihydrobenzoxazolyl, dihydrofuranyl, dihydroimidazolyl, dihydroindolyl, dihydroisooxazolyl, dihydroisothiazolyl, dihydrooxadiazolyl, dihydrooxazolyl, dihydropyrazinyl, dihydropyrazolyl, dihydropyridinyl, dihydropyrimidinyl, dihydropyrrolyl, dihydroquinoliny, dihydrotetrazolyl, dihydrothiadiazolyl, dihydrothiazolyl, dihydrothienyl, dihydrotriazolyl, dihydroazetidyl, methylenedioxybenzoyl, tetrahydrofuranyl, and tetrahydrothienyl, and N-oxides thereof.
45 “Heterocyclioxy” is RO—, where R is heterocyclyl. “Heterocyclylthio” is RS—, where R is heterocyclyl.

[0028] As used herein, the term “3- or 4-membered heterocyclyl” refers to a monocyclic ring having 3 or 4 ring atoms wherein at least one ring atom is heteroatom selected from the group consisting

of N, O and S. Non-limiting examples of 3- or 4-membered heterocyclyl include aziridinyl, 2*H*-azirinyl, oxiranyl, thiiranyl, azetidiny, 2,3-dihydroazetyl, azetyl, 1,3-diazetidiny, oxetanyl, 2*H*-oxetyl, thietanyl, and 2*H*-thietyl.

[0029] As used herein, the term “heteroaryl” refers to a monocyclic, bicyclic or tricyclic ring having up to 7 atoms in each ring, wherein at least one ring is aromatic and contains from 1 to 4 heteroatoms in the ring selected from the group consisting of N, O and S. Non-limiting examples of heteroaryl include pyridyl, thienyl, furanyl, pyrimidyl, imidazolyl, pyranyl, pyrazolyl, thiazolyl, thiadiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrrolyl, pyridazinyl, pyrazinyl, quinolinyl, isoquinolinyl, benzofuranyl, dibenzofuranyl, dibenzothiophenyl, benzothienyl, indolyl, benzothiazolyl, benzooxazolyl, benzimidazolyl, isoindolyl, benzotriazolyl, purinyl, thianaphthenyl and pyrazinyl. Attachment of heteroaryl can occur via an aromatic ring, or, if heteroaryl is bicyclic or tricyclic and one of the rings is not aromatic or contains no heteroatoms, through a non-aromatic ring or a ring containing no heteroatoms. “Heteroaryl” is also understood to include the N-oxide derivative of any nitrogen containing heteroaryl. “Heteroaryloxy” is RO—, where R is heteroaryl.

[0030] As used herein, the term “hydroxyalkoxy” refers to an alkoxy group substituted with a hydroxyl group (—OH), wherein alkoxy is as defined herein. An example of hydroxyalkoxy is hydroxyethoxy.

[0031] As used herein, the term “hydroxyalkyl” refers to a linear or branched monovalent C₁-C₁₀ hydrocarbon group substituted with at least one hydroxy group and examples of hydroxyalkyl groups include, but are not limited to, hydroxymethyl, hydroxyethyl, hydroxypropyl and hydroxybutyl.

[0032] As used herein, the term “pharmaceutically acceptable” means suitable for use in pharmaceutical preparations, generally considered as safe for such use, officially approved by a regulatory agency of a national or state government for such use, or being listed in the U.S. Pharmacopoeia or other generally recognized pharmacopoeia for use in animals, and more particularly in humans.

[0033] As used herein, the term “pharmaceutically acceptable carrier” refers to a diluent, adjuvant, excipient, or carrier, or other ingredient which is pharmaceutically acceptable and with which a compound of the invention is administered.

[0034] As used herein, the term “pharmaceutically acceptable salt” refers to a salt which may enhance desired pharmacological activity. Examples of pharmaceutically acceptable salts include acid addition salts formed with inorganic or organic acids, metal salts and amine salts. Examples of acid addition salts formed with inorganic acids include salts with hydrochloric acid, hydrobromic acid, sulfuric acid, nitric acid and phosphoric acid. Examples of acid addition salts formed with organic acids such as acetic acid, propionic acid, hexanoic acid, heptanoic acid, cyclopentanepropionic acid, glycolic acid, pyruvic acid, lactic acid, malonic acid, succinic acid, malic acid, maleic acid, fumaric acid, tartaric acid, citric acid, benzoic acid, o-(4-hydroxy-benzoyl)-benzoic acid, cinnamic acid, mandelic acid, methanesulfonic acid, ethanesulfonic acid, 1,2-ethanedisulfonic acid, 2-hydroxyethane-sulfonic acid, benzenesulfonic acid, p-chlorobenzenesulfonic acid, 2-naphthalenesulfonic acid, p-toluenesulfonic acid, camphorsulfonic acid, 4-methyl-bicyclo[2.2.2]oct-2-ene-1-carboxylic acid, gluco-heptonic acid, 4,4'-methylenebis(3-hydroxy-2-naphthoic) acid, 3-phenylpropionic acid, trimethyl-acetic acid, tertiary butylacetic acid, lauryl sulfuric acid, gluconic acid, glutamic acid, hydroxy-naphthoic acids, salicylic acid, stearic acid and muconic acid. Examples of metal salts include salts with sodium, potassium, calcium, magnesium, aluminum, iron, and zinc ions. Examples of amine salts include salts with ammonia and organic nitrogenous bases strong enough to form salts with carboxylic acids.

[0035] As used herein, the term “substituted” means any of above groups (i.e., alkyl, aryl, heteroaryl, heterocycle or cycloalkyl) wherein at least one hydrogen atom of the moiety being substituted is replaced with a substituent. In one embodiment, each carbon atom of the group being substituted is substituted with no more than two substituents. In another embodiment, each carbon atom of the group being substituted is substituted with no more than one substituent. In the case of a keto substituent, two

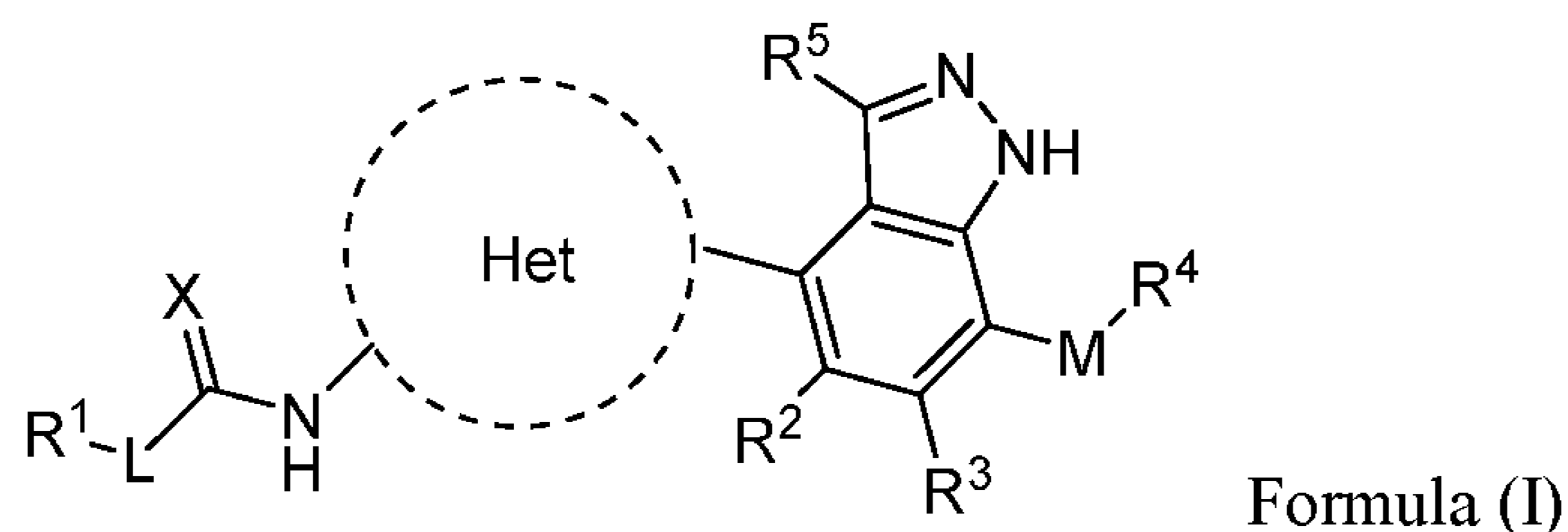
hydrogen atoms are replaced with an oxygen which is attached to the carbon via a double bond. Unless specifically defined, substituents include halo, hydroxyl, (lower) alkyl, haloalkyl, mono- or di-alkylamino, aryl, heterocycle, $-\text{NO}_2$, $\text{B}(\text{OH})_2$, BPin, $-\text{NR}_a\text{R}_b$, $-\text{NR}_a\text{C}(=\text{O})\text{R}_b$, $-\text{NR}_a\text{C}(=\text{O})\text{NR}_a\text{R}_b$, $-\text{NR}_a\text{C}(=\text{O})\text{OR}_b$, $-\text{NR}_a\text{SO}_2\text{R}_b$, $-\text{OR}_a$, $-\text{CN}$, $-\text{C}(=\text{O})\text{R}_a$, $-\text{C}(=\text{O})\text{OR}_a$, $-\text{C}(=\text{O})\text{NR}_a\text{R}_b$, $-\text{OC}(=\text{O})\text{R}_a$, $-\text{OC}(=\text{O})\text{OR}_a$, $-\text{OC}(=\text{O})\text{NR}_a\text{R}_b$, $-\text{NR}_a\text{SO}_2\text{R}_b$, $-\text{PO}_3\text{R}_a$, $-\text{PO}(\text{OR}_a)(\text{OR}_b)$, $-\text{SO}_2\text{R}_a$, $-\text{S}(\text{O})\text{R}_a$, $-\text{SO}(\text{N})\text{R}_a$ (e.g., sulfoximine), $-(\text{R}_a)\text{S}=\text{NR}_b$ (e.g., sulfilimine) and $-\text{SR}_a$, wherein R_a and R_b are the same or different and independently -H, halo, amino, alkyl, haloalkyl, aryl or heterocycle, or wherein R_a and R_b taken together with the nitrogen atom to which they are attached form a heterocycle. R_a and R_b may be in the plural based on atoms which those are attached to.

[0036] As used herein, the term “therapeutically effective amount” means when applied to a compound of the invention is intended to denote an amount of the compound that is sufficient to ameliorate, palliate, stabilize, reverse, slow or delay the progression of a disorder or disease state, or of a symptom of the disorder or disease. In an embodiment, the method of the present invention provides for administration of combinations of compounds. In such instances, the “therapeutically effective amount” is the amount of a compound of the present invention in the combination sufficient to cause the intended biological effect.

[0037] As used herein, the term “treatment” or “treating” as used herein means ameliorating or reversing the progress or severity of a disease or disorder, or ameliorating or reversing one or more symptoms or side effects of such disease or disorder. “Treatment” or “treating”, as used herein, also means to inhibit or block, as in retard, arrest, restrain, impede or obstruct, the progress of a system, condition or state of a disease or disorder. For purposes of this invention, “treatment” or “treating” further means an approach for obtaining beneficial or desired clinical results, where “beneficial or desired clinical results” include, without limitation, alleviation of a symptom, diminishment of the extent of a disorder or disease, stabilized (i.e., not worsening) disease or disorder state, delay or slowing of a disease or disorder state, amelioration or palliation of a disease or disorder state, and remission of a disease or disorder, whether partial or total.

[0038] Compounds

[0039] The present disclosure provides a compound of Formula (I):



or a pharmaceutically acceptable salt, hydrate, or solvate thereof, wherein:

30 X is O or S;

L is a bond, -O-, -S-, or $-\text{NR}^6$ -;

R^1 is alkyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl, wherein R^1 is optionally substituted with one or more substituents independently selected from R^7 ;

R^6 is -H or C_{1-6} alkyl;

35 R^7 is C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, oxo, cyano, hydroxy, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{OR}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{OR}^9$, $-\text{OC}(\text{O})\text{R}^9$, $-\text{OC}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{SR}^9$, $-\text{S}(\text{O})\text{R}^9$, $-\text{S}(\text{O})_2\text{R}^9$, $-\text{S}(\text{O})(=\text{NH})\text{R}^{10}$, $-\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{OR}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{R}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{OR}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{S}(\text{O})_2\text{R}^9$, $-\text{N}(\text{R}^6)\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, or $-\text{P}(\text{O})\text{R}^{12}\text{R}^{13}$;

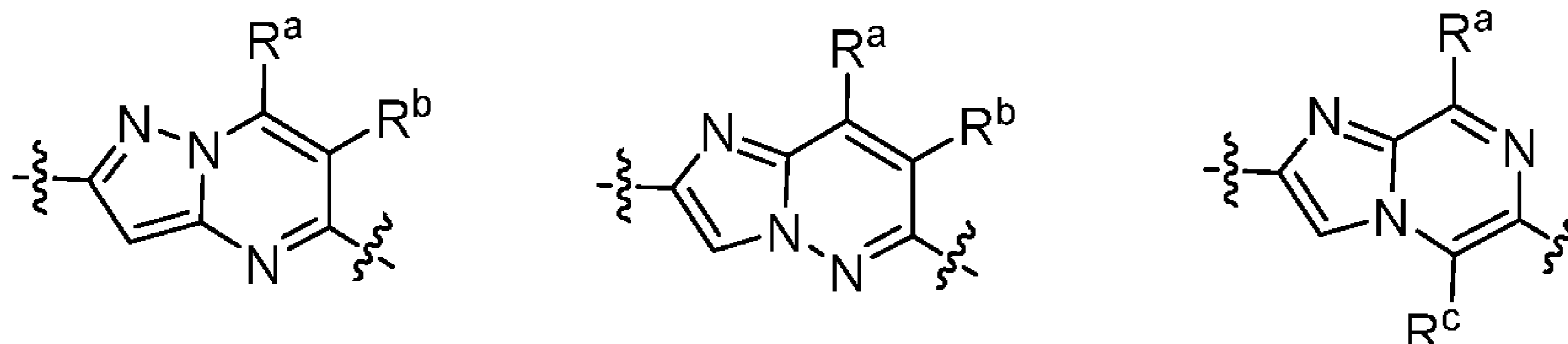
R^9 is -H, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl;

40 Each R^{10} and R^{11} is independently -H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl, or R^{10} and R^{11} are taken together with the nitrogen atom to which they are attached to form a 4- to 12-membered heterocyclyl optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, -CN, $-\text{NO}_2$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{C}(=\text{O})\text{R}^9$, $-\text{NR}^{10}\text{C}(=\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{C}(=\text{O})\text{OR}^9$, $-\text{OR}^9$, $-\text{C}(=\text{O})\text{R}^9$, $-\text{C}(=\text{O})\text{OR}^9$, -

$C(=O)NR^{10}R^{11}$, $-OC(=O)R^9$, $-OC(=O)OR^9$, and $-OC(=O)NR^{10}R^{11}$;

Each R^{12} and R^{13} is independently C_{1-6} alkyl, C_{1-6} alkoxy, C_{3-8} cycloalkyl, aryl, heteroaryl, heterocyclyl, or R^{12} and R^{13} are taken together with the phosphorus atom to which they are attached to form a 4- to 8-membered heterocyclyl optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, $-CN$, $-NO_2$, $-NR^{10}R^{11}$, $-NR^{10}C(=O)R^9$, $-NR^{10}C(=O)NR^{10}R^{11}$, $-NR^{10}C(=O)OR^9$, $-OR^9$, $-C(=O)R^9$, $-C(=O)OR^9$, $-C(=O)NR^{10}R^{11}$, $-OC(=O)R^9$, $-OC(=O)OR^9$, and $-OC(=O)NR^{10}R^{11}$;

Het is selected from the group consisting of:



Each of R^a , R^b and R^c is independently $-H$, $-D$, halo, $-CF_3$, $-CF_2H$, $-CH_2F$, $-CN$, $-OR^9$ or $-NR^{10}R^{11}$;

R^2 is $-H$, $-D$, $-CD_3$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, hydroxyl, $-CD_2OH$, $-CN$, $-NO_2$, haloalkyl, trimethylsilylethoxymethyl, $-C(O)R^9$, $-C(O)OR^9$, $-C(O)NR^{10}R^{11}$, $-OR^9$, $-OC(O)R^9$, $-OC(O)NR^{10}R^{11}$, $-SR^9$, $-S(O)R^9$, $-S(O)_2R^9$, $-S(O)(=NH)R^{10}$, $-S(O)_2NR^{10}R^{11}$, $-NR^{10}R^{11}$, $-N(R^6)NR^{10}R^{11}$, $-N(R^6)OR^9$, $-N(R^6)C(O)R^9$, $-N(R^6)C(O)OR^9$, $-N(R^6)C(O)NR^{10}R^{11}$, $-N(R^6)S(O)_2R^9$, $-N(R^6)S(O)_2NR^{10}R^{11}$, or $-P(O)R^{12}R^{13}$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, $-CN$, $-NO_2$, $-NR^{10}R^{11}$, $-NR^{10}C(=O)R^9$, $-NR^{10}C(=O)NR^{10}R^{11}$, $-NR^{10}C(=O)OR^9$, $-OR^9$, $-C(=O)R^9$, $-C(=O)OR^9$, $-C(=O)NR^{10}R^{11}$, $-OC(=O)R^9$, $-OC(=O)OR^9$, and $-OC(=O)NR^{10}R^{11}$;

R^3 is $-H$, $-D$, $-CD_3$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, cyano, hydroxy, $-CH_2OH$, $-CD_2OH$, $-OH$, $-CN$, $-NO_2$, haloalkyl, $-C(O)R^9$, $-C(O)OR^9$, $-C(O)NR^{10}R^{11}$, $-OR^9$, $-OC(O)R^9$, $-OC(O)NR^{10}R^{11}$, $-SR^9$, $-S(O)R^9$, $-S(O)_2R^9$, $-S(O)(=NH)R^{10}$, $-S(O)_2NR^{10}R^{11}$, $-NR^{10}R^{11}$, $-N(R^6)NR^{10}R^{11}$, $-N(R^6)OR^9$, $-N(R^6)C(O)R^9$, $-N(R^6)C(O)OR^9$, $-N(R^6)C(O)NR^{10}R^{11}$, $-N(R^6)S(O)_2R^9$, $-N(R^6)S(O)_2NR^{10}R^{11}$, or $-P(O)R^{12}R^{13}$;

M is a bond, $-O-$, $-S-$, or $-NR^6-$;

R^6 is $-H$ or C_{1-6} alkyl;

R^4 is $-H$, $-D$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, cyano, hydroxy, $-C(O)R^9$, $-C(O)OR^9$, $-C(O)NR^{10}R^{11}$, $-S(O)_2R^9$, $-S(O)(=NH)R^{10}$, $-S(O)_2NR^{10}R^{11}$, or $-P(O)R^{12}R^{13}$, wherein C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, $-CN$, $-CD_3$, $-NO_2$, $-NR^{10}R^{11}$, $-NR^{10}C(=O)R^9$, $-NR^{10}C(=O)NR^{10}R^{11}$, $-NR^{10}C(=O)OR^9$, $-NR^{10}S(O)_2R^9$, $-OR^9$, $-C(=O)R^9$, $-C(=O)OR^9$, $-C(=O)NR^{10}R^{11}$, $-OC(=O)R^9$, $-OC(=O)OR^9$, and $-OC(=O)NR^{10}R^{11}$; and

R^5 is $-H$, $-D$, $-CD_3$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, halo, hydroxyl, $-CH_2OH$, $-CD_2OH$, $-CN$ or haloalkyl.

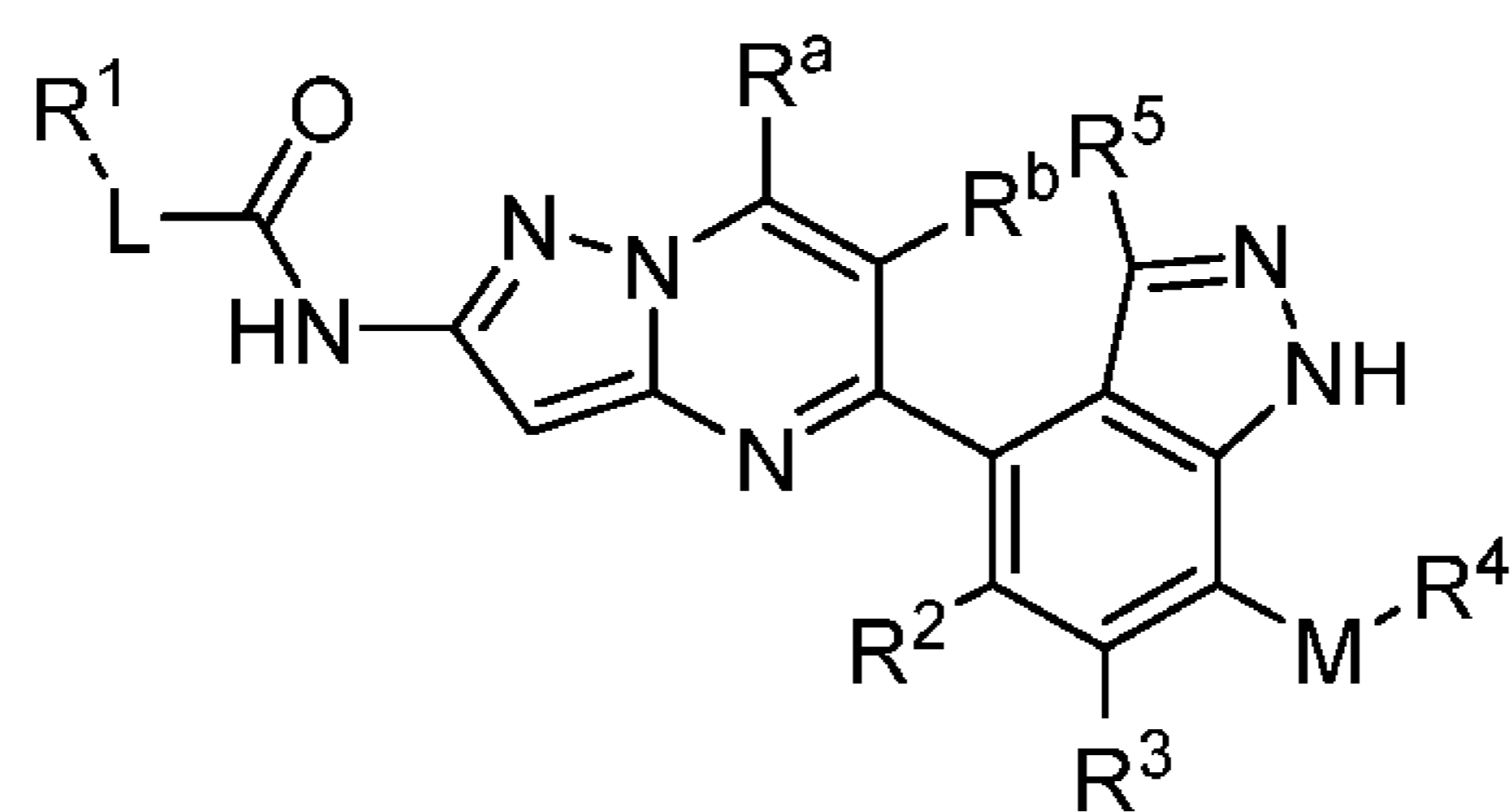
[0040] In some embodiments, L is a bond, and R^1 is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, halo, cyano, hydroxy, $-C(O)R^9$, $-C(O)OR^9$, $-C(O)NR^{10}R^{11}$, $-OR^9$, $-OC(O)R^9$, $-OC(O)NR^{10}R^{11}$, $-NR^{10}R^{11}$, $-N(R^6)NR^{10}R^{11}$, $-N(R^6)OR^9$, $-N(R^6)C(O)R^9$, $-N(R^6)C(O)OR^9$, and $-N(R^6)C(O)NR^{10}R^{11}$.

[0041] In some embodiments, each of R^2 and R^3 is independently $-H$, halo, alkylthio, haloalkyl, or alkyl.

[0042] In some embodiments, M is a bond, $-O-$, or $-NR^6-$; and R^4 is $-H$, $-D$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, cyano, hydroxy, $-C(O)R^9$, $-C(O)NR^{10}R^{11}$, $-S(O)_2R^9$, $-S(O)(=NH)R^{10}$, or $-S(O)_2NR^{10}R^{11}$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group

consisting of halo, hydroxy, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, -CN, -CD₃, -NR¹⁰R¹¹, -NR¹⁰S(O)₂R⁹, and -NR¹⁰C(=O)R⁹.

[0043] In another embodiment, there is provided a compound of Formula (II):

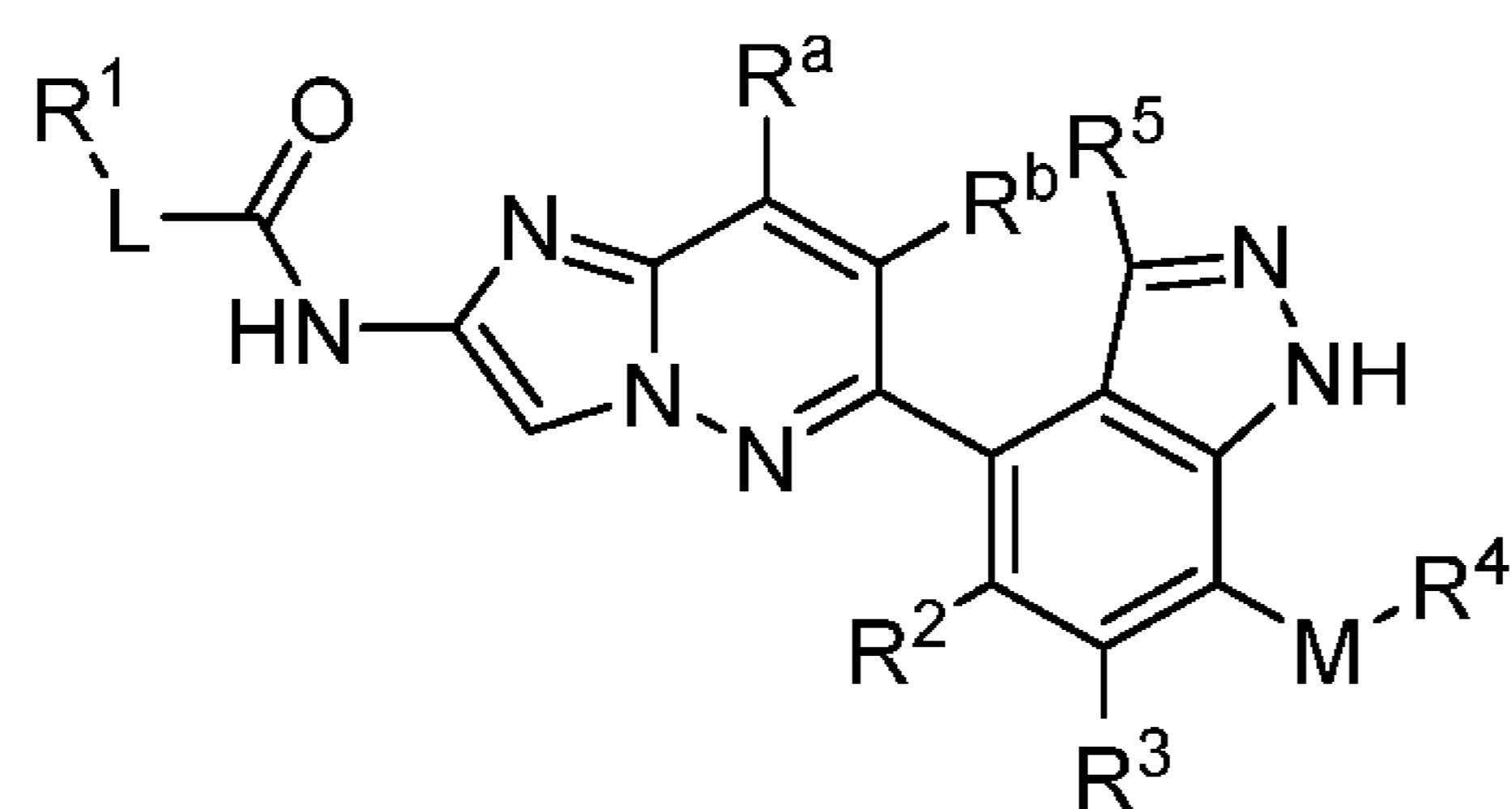


Formula (II).

5 **[0044]** wherein R¹, R², R³, R⁴, R⁵, R^a, R^b, M, and L are as defined above for Formula (I).

[0045] In some embodiments, L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl, formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazolylethyl, dioxanyl, cyclobutylcarbonylaminoethyl, difluoroacetamidoethyl, trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d₆amino, tetrahydrofuranyl, methylimidazolylethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo. Non-limiting, exemplary compounds of Formula (II) include Examples 1 and 2 of Table 1.

[0046] In another embodiment, there is provided a compound of Formula (III):

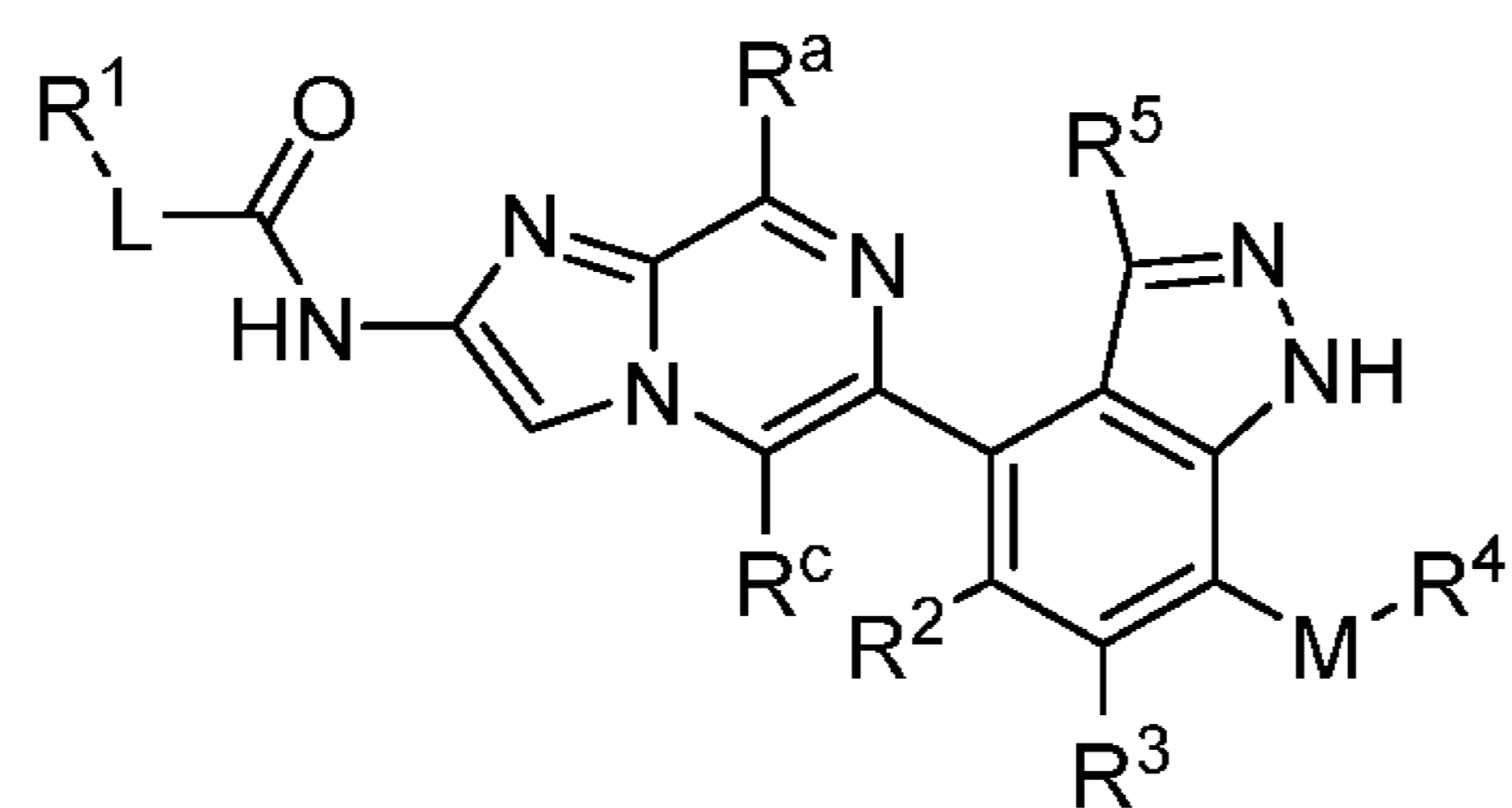


Formula (III).

20 **[0047]** wherein R¹, R², R³, R⁴, R⁵, R^a, R^b, M, and L are as defined above for Formula (I).

[0048] In some embodiments, L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl, and C₁₋₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl, formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazolylethyl, dioxanyl, cyclobutylcarbonylaminoethyl, difluoroacetamidoethyl, trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d₆amino, tetrahydrofuranyl, methylimidazolylethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo. Non-limiting exemplary compounds of Formula (III) include Examples 3 and 23 of Table 1.

[0049] In another embodiment, there is provided a compound of Formula (IV):



Formula (IV).

[0050] wherein R¹, R², R³, R⁴, R⁵, R^a, R^b, M, and L are as defined above for Formula (I). Non-limiting exemplary compounds of Formula (IV) include Examples 24 and 307 of Table 1.

[0051] In some embodiments, L is a bond, and R¹ is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, halo, cyano, hydroxy, -C(O)R⁹, -C(O)OR⁹, -C(O)NR¹⁰R¹¹, -OR⁹, -OC(O)R⁹, -OC(O)NR¹⁰R¹¹, -NR¹⁰R¹¹, -N(R⁶)NR¹⁰R¹¹, -N(R⁶)OR⁹, -N(R⁶)C(O)R⁹, -N(R⁶)C(O)OR⁹, and -N(R⁶)C(O)NR¹⁰R¹¹.

[0052] In some embodiments, L is a bond; R¹ is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl. In particular embodiments, the cycloalkyl is selected from cyclopropyl, cyclobutyl and cyclopentyl.

[0053] In some embodiments, L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl; R² is -H, alkyl, haloalkyl, or halo; R³ is -H, alkyl, or halo; M is a bond, -O-, or -NR⁶-; R⁴ is -H, halo, alkyl, monoalkylamino, or dialkylamino; R⁵ is -H, alkyl, or halo. In particular embodiments, L is a bond; R^a is -H; R^b is -H; R¹ is cyclopropyl substituted with chloro, fluoro, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl or C₁₋₃ haloalkyl; R² is -H, alkyl, chloro, or fluoro; R³ is -H, alkyl, chloro, or fluoro; M is a bond, or -NH-; R⁴ is -H, chloro, fluoro, methyl, ethyl, propyl, isopropyl, butyl, methylamino, or dimethylamino; and R⁵ is -H or alkyl. In particular embodiments, L is a bond; R^a is -H; R^b is -H; R¹ is cyclopropyl substituted with chloro or fluoro; R² is -H, chloro, or fluoro; R³ is -H, chloro, or fluoro; M is a bond, or -NH-; R⁴ is -H, chloro, fluoro, methyl, ethyl, propyl, or isopropyl; and R⁵ is -H. Non-limiting exemplary compounds having such substituents include Examples 61, 64, 84, 85, 86, 155, 156, and 157 of Table 1.

[0054] In some embodiments, L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, monoalkylamino, or dialkylamino; and R⁵ is -H, alkyl, or halo. Non-limiting exemplary compounds having such substituents include Examples 33, 39, 40, 46, 82, 102, 141, 166, 228, and 286 of Table 1.

[0055] In some embodiments, L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl, formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazolylethyl, dioxanyl, cyclobutanylethyl, difluoroacetamidoethyl, trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d₆amino, tetrahydrofuranyl, methylimidazolylethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo. Non-limiting exemplary compounds having such substituents include Examples 26, 27, 34, 38, 41-44, 50, 58, 62, 63, 66, 68, 73, 77, 79, 80, 83, 87, 88, 90-92, 94, 96, 101, 105, 107, 110, 113, 116, 118-120, 128, 130, 131, 133, 134, 136, 141, 153, 160, 162, 166-168, 170, 173-176, 179, 181, 183, 186, 188, 190, 191, 194, 208, 210, 213, 215-219, 221, 223, 226, 228, 232, 235, 237, 248, 250, 252, 257, 261, 262, 264, 266, 268,

269, 272, 273, 284- 290, 295, 300, and 302-305 of Table 1.

[0056] In an embodiment, there is provided a pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a compound of Formula (I) or a pharmaceutically acceptable salt thereof.

5 **[0057] Medical uses and Methods of treatment using the compounds**

[0058] The present disclosure provides a method of treating a subject with a disease or disorder associated with modulation of HPK1 comprising: administering to the subject in need thereof a therapeutically effective amount of the compound of Formula (I) or a pharmaceutically acceptable salt thereof. In some embodiments, the disease or disorder associated with modulation of HPK1 is a cancer, metastasis, inflammation, or immune disease including autoimmune disease.

10 **[0059]** In some other embodiments, the disease is cancer, metastasis, inflammation or autoimmune disease. In particular embodiments, the cancer is selected from the group consisting of carcinomas, melanomas, blastomas, sarcomas, lymphomas and leukemias, including without limitation, bladder carcinoma, brain tumors, breast cancer, cervical cancer, colorectal cancer, esophageal cancer, endometrial cancer, hepatocellular carcinoma, laryngeal cancer, lung cancer, osteosarcoma, ovarian cancer, pancreatic cancer, prostate cancer, renal carcinoma and thyroid cancer, acute lymphocytic leukemia, acute myeloid leukemia, ependymoma, Ewing's sarcoma, glioblastoma, medulloblastoma, neuroblastoma, osteosarcoma, rhabdomyosarcoma, rhabdoid cancer, and nephroblastoma (Wilm's tumor).

15 **[0060]** In some embodiments, the autoimmune disease is an inflammatory bowel disease, Addison's disease, alopecia areata, ankylosing spondylitis, antiphospholipid syndrome, hemolytic anemia, autoimmune hepatitis, Behcet's disease, Berger's disease, bullous pemphigoid, cardiomyopathy, celiac sprue, chronic fatigue immune dysfunction syndrome (CFIDS), chronic inflammatory demyelinating polyneuropathy, Churg-Strauss syndrome, cicatricial pemphigoid, cold agglutinin disease, type 1 diabetes, discoid lupus, essential mixed cryoglobulinemia, Graves' disease, Guillain-Barre syndrome, Hashimoto's thyroiditis, hypothyroidism, autoimmune lymphoproliferative syndrome (ALPS), idiopathic pulmonary fibrosis, idiopathic thrombocytopenia purpura (ITP), juvenile arthritis, lichen planus, lupus erythematosus, Meniere's disease, mixed connective tissue disease, multiple sclerosis, myasthenia gravis, pemphigus vulgaris, pernicious anemia, polychondritis, autoimmune polyglandular syndromes, polymyalgia rheumatica, polymyositis, dermatomyositis, primary agammaglobulinemia, primary biliary cirrhosis, psoriasis, psoriatic arthritis, Raynaud's phenomenon, Reiter's syndrome, rheumatic fever, rheumatoid arthritis, sarcoidosis, scleroderma, Sjogren's syndrome, stiff-man syndrome, Takayasu arteritis, giant cell arteritis, ulcerative colitis, uveitis, vasculitis, or granulomatosis with polyangiitis.

25 **[0061]** In another embodiment, there is provided the use of a compound of Formula (I) or a pharmaceutically acceptable salt thereof for the manufacture of a medicament for inhibiting HPK1 activity in a subject in need of inhibition of HPK1 activity. In some embodiments, the use includes treatment of cancer.

30 **[0062]** Suitable subjects to be treated according to the present disclosure include mammalian subjects. Mammals according to the present disclosure include, but are not limited to, human, canine, feline, bovine, caprine, equine, ovine, porcine, rodents, lagomorphs, primates, and the like, and encompass mammals in utero. Subjects may be of either gender and at any stage of development. In one embodiment, the suitable subject to be treated according to the present disclosure is human.

40 **[0063]** The compounds of the present disclosure are generally administered in a therapeutically effective amount. The compounds of the present disclosure can be administered by any suitable route in the form of a pharmaceutical composition adapted to such a route, and in a dose effective for the treatment intended. An effective dosage is typically in the range of about 0.01 to about 1000 mg per kg body weight per day, preferably about 0.01 to about 500 mg/kg/day, in single or divided doses. Depending on age, species and disease or condition being treated, dosage levels below the lower limit of this range may be suitable. In other cases, still larger doses may be used without harmful side effects. Larger doses may also be divided into several smaller doses, for administration throughout the day. Methods for determining

suitable doses are well known in the art to which the present disclosure pertains. For example, Remington: The Science and Practice of Pharmacy, Mack Publishing Co., 20th ed., 2000 can be used.

[0064] Pharmaceutical Compositions, Dosage Forms and Administration Routes

[0065] For the treatment of the diseases or conditions referred to above, the compounds described herein or pharmaceutically acceptable salts thereof can be administered as follows:

[0066] Oral administration

[0067] The compounds of the present disclosure may be administered orally, including by swallowing, so that the compound enters the gastrointestinal tract, or absorbed into the blood stream directly from the mouth (e.g., buccal or sublingual administration). Suitable compositions for oral administration include solid, liquid, gel or powder formulations, and have a dosage form such as tablet, lozenge, capsule, granule or powder. Compositions for oral administration may be formulated as immediate or modified release, including delayed or sustained release, optionally with enteric coating. Liquid formulations can include solutions, syrups and suspensions, which can be used in soft or hard capsules. Such formulations may include a pharmaceutically acceptable carrier, for example, water, ethanol, polyethylene glycol, cellulose, or an oil. The formulation may also include one or more emulsifying agents and/or suspending agents.

[0068] In a tablet dosage form the amount of drug present may be from about 0.05% to about 95% by weight, more typically from about 2% to about 50% by weight of the dosage form. In addition, tablets may contain a disintegrant, comprising from about 0.5% to about 35% by weight, more typically from about 2% to about 25% of the dosage form. Examples of disintegrants include, but are not limited to, lactose, starch, sodium starch glycolate, croscopovidone, croscarmellose sodium, maltodextrin, or mixtures thereof.

[0069] Suitable lubricants, for use in a tablet, may be present in amounts from about 0.1% to about 5% by weight, and include, but are not limited to, talc, silicon dioxide, stearic acid, calcium, zinc or magnesium stearate, sodium stearyl fumarate and the like.

[0070] Suitable binders, for use in a tablet, include, but are not limited to, gelatin, polyethylene glycol, sugars, gums, starch, polyvinyl pyrrolidone, hydroxypropyl cellulose, hydroxypropylmethyl cellulose and the like. Suitable diluents, for use in a tablet, include, but are not limited to, mannitol, xylitol, lactose, dextrose, sucrose, sorbitol, microcrystalline cellulose and starch.

[0071] Suitable solubilizers, for use in a tablet, may be present in amounts from about 0.1% to about 3% by weight, and include, but are not limited to, polysorbates, sodium lauryl sulfate, sodium dodecyl sulfate, propylene carbonate, diethyleneglycol monoethyl ether, dimethyl isosorbide, polyethylene glycol (natural or hydrogenated) castor oil, HCORTM (Nikkol), oleyl ester, GelucireTM, caprylic/caprylic acid mono/diglyceride, sorbitan fatty acid esters, and Solutol HSTM.

[0072] Parenteral Administration

[0073] Compounds of the present disclosure may be administered directly into the blood stream, muscle, or internal organs. Suitable means for parenteral administration include intravenous, intramuscular, subcutaneous intraarterial, intraperitoneal, intrathecal, intracranial, and the like. Suitable devices for parenteral administration include injectors (including needle and needle-free injectors) and infusion methods.

[0074] Compositions for parenteral administration may be formulated as immediate or modified release, including delayed or sustained release. Most parenteral formulations are aqueous solutions containing excipients, including salts, buffering agents and isotonic agents. Parenteral formulations may also be prepared in a dehydrated form (e.g., by lyophilization) or as sterile non-aqueous solutions. These formulations can be used with a suitable vehicle, such as sterile water. Solubility-enhancing agents may also be used in preparation of parenteral solutions.

[0075] Transdermal Administration

[0076] Compounds of the present disclosure may be administered topically to the skin or

transdermally. Formulations for this topical administration can include lotions, solutions, creams, gels, hydrogels, ointments, foams, implants, patches and the like. Pharmaceutically acceptable carriers for topical administration formulations can include water, alcohol, mineral oil, glycerin, polyethylene glycol and the like. Topical or transdermal administration can also be performed by electroporation, iontophoresis, phonophoresis and the like. Compositions for topical administration may be formulated as immediate or modified release, including delayed or sustained release.

[0077] Combination therapy

[0078] A pharmaceutical composition according to the present disclosure may contain one or more additional therapeutic agents, for example, to increase the efficacy or decrease the side effects. In some embodiments, accordingly, a pharmaceutical composition further contains one or more additional therapeutic agents selected from active ingredients useful to treat or inhibit diseases mediated directly or indirectly by HPK1. Examples of such active ingredients are, without limitation, agents to treat cancer, metastasis, inflammation, or auto-immune pathogenesis. In some embodiments, the compound of Formula (I) is administered with anti-PD-1 agent, anti-PD-L1 agent, or anti-CTLA4 agent.

[0079] References for preparing pharmaceutical compositions

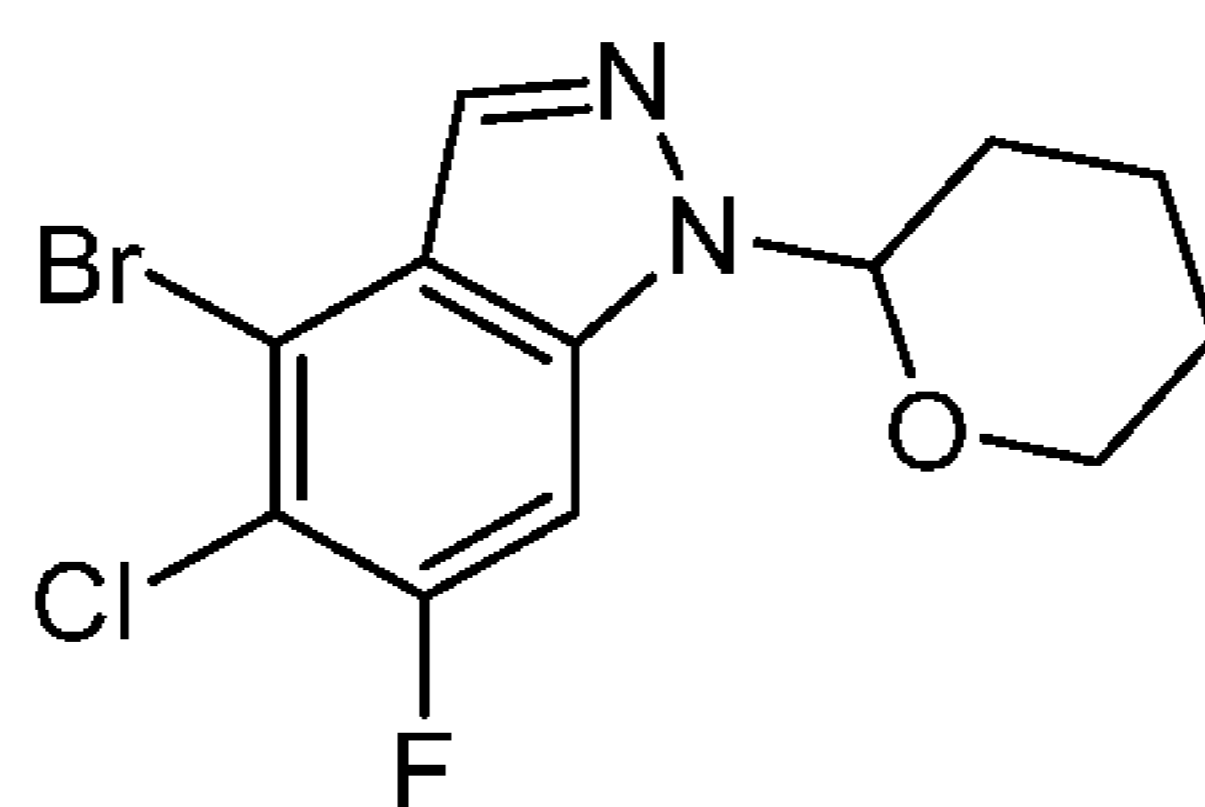
[0080] Methods for preparing pharmaceutical compositions for treating or preventing a disease or condition are well known in the art to which the present disclosure pertains. For example, based on *Handbook of Pharmaceutical Excipients* (7th ed.), *Remington: The Science and Practice of Pharmacy* (20th ed.), *Encyclopedia of Pharmaceutical Technology* (3rd ed.), or *Sustained and Controlled Release Drug Delivery Systems* (1978), pharmaceutically acceptable excipients, carriers, additives and so on can be selected and then mixed with the compounds of the present disclosure for making the pharmaceutical compositions.

[0081] The present disclosure provides a compound having various pharmacological effects by inhibiting HPK1 activity, a pharmaceutical composition having the compound as an effective agent, a medical use, particularly for treating a disease or disorder modulated by HPK1, of the compound, and a method of treatment or prevention comprising administering the compound to a subject in need of such treatment or prevention. The compounds of the present disclosure and pharmaceutically acceptable salts thereof have good safety and high selectivity for HPK1, and thus exhibit superior property as a drug.

[0082] Compound preparation

[0083] The following Preparative Examples illustrate the preparation of intermediate compounds that are useful for preparing compounds of formula (I). The novel intermediate compounds described herein, as well as the synthetic processes useful for preparing the intermediate compounds represent embodiments of the current invention.

[0084] Intermediate 1A. 1-(tetrahydro-2H-pyran-2-yl)-5-(thiophen-2-yl)-1H-indazol-4-yl trifluoromethanesulfonate



[0085] Step 1) 3-bromo-4-chloro-5-fluoro-2-methylaniline

[0086] To a solution of 3-bromo-5-fluoro-2-methylaniline (50 g, 245 mmol, 1 eq) in AcOH (100 mL) was added N-chlorosuccinimide (36 g, 270 mmol, 1.1 eq). The mixture was stirred at 25 °C for 16 hr. The mixture was concentrated under vacuum and the residue was extracted with Dichloromethane (200 mL * 2). The combined organic layers were washed with sat. NaHCO₃ 200 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The crude product (66 g, crude) was obtained as a black oil.

[0087] Step 2) 4-bromo-5-chloro-6-fluoro-1H-indazole

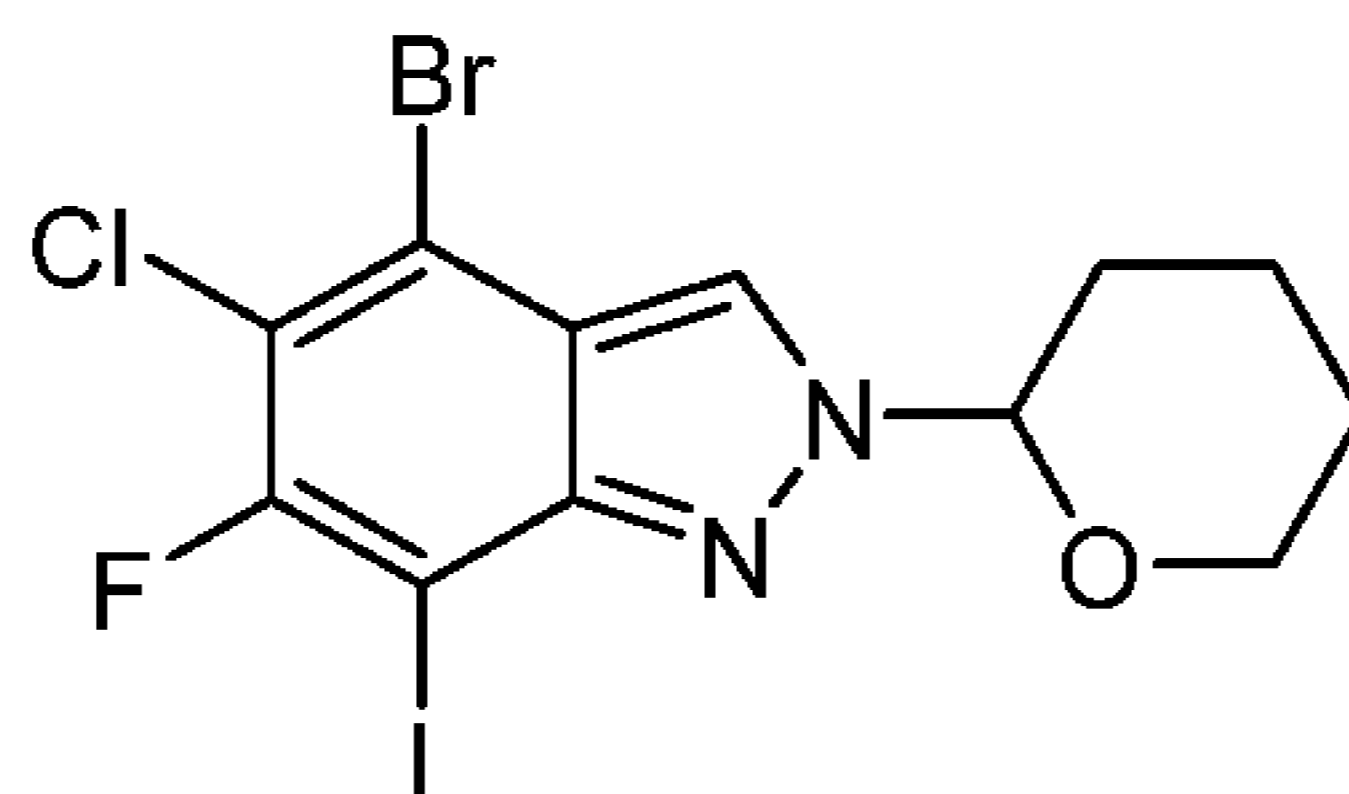
[0088] To a solution of 3-bromo-4-chloro-5-fluoro-2-methylaniline (25.8 g, 108 mmol, 1 eq) in AcOH (1.96 L, 0.05 M), H₂O (0.065 L, 1.5 M) was added sodium nitrite (8.96 g, 130 mmol, 1.2 eq). The mixture was stirred at 25 °C for 16 hr. The mixture was concentrated under vacuum and the residue was extracted with Dichloromethane (1 L * 2). The combined organic layers were washed with sat. NaHCO₃ (1 L), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The crude product (23.6 g, crude) was obtained as a brown solid.

[0089] Step 3) 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0090] To a solution of 4-bromo-5-chloro-6-fluoro-1H-indazole (1.98 g, 7.97 mmol, 1 eq) in THP (40 mL) was added 3,4-dihydro-2H-pyran (2.18 ml, 23.9 mmol, 3 eq) and p-toluenesulfonic acid monohydrate (300 mg, 1.59 mmol, 0.2 eq). The reaction mixture was stirred 70 °C for 14 hours. The reaction mixture was extracted with Ethyl Acetate and dried over MgSO₄. The organic residue was purified by column chromatography (silical gel, Hex:Ethyl acetate=1:0 to 4:1). 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (1.51 g, 4.54 mmol, 57% yield) was obtained.

[0091] ¹H NMR (400MHz, DMSO-d₆) δ 8.16 (s, 1H), 8.00 (dd, J = 9.3, 1.1 Hz, 1H), 5.85 (dd, J = 9.6, 2.5 Hz, 1H), 3.87 (d, J = 12.6 Hz, 1H), 3.79-3.72 (m, 1H), 2.38-2.30 (m, 1H), 2.04-1.94 (m, 2H), 1.77-1.55 (m, 3H).

[0092] Intermediate 1B. 4-bromo-5-chloro-6-fluoro-7-iodo-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole



[0093] Step 1) 4-bromo-5-chloro-6-fluoro-7-iodo-1H-indazole

[0094] To a solution of 4-bromo-5-chloro-6-fluoro-1H-indazole (2 g, 8.02 mmol) in sulfuric acid (1.7 mL) was added N-iodosuccinimide (2.7 g, 12.03 mmol) portionwise. The mixture was stirred at 0 °C for 3 h. After the reaction completed, the mixture was poured into ice water and quenched by solid NaOH and then extracted with Dichloromethane. The combined organic residue was concentrated in vacuo. (2.99 g, crude).

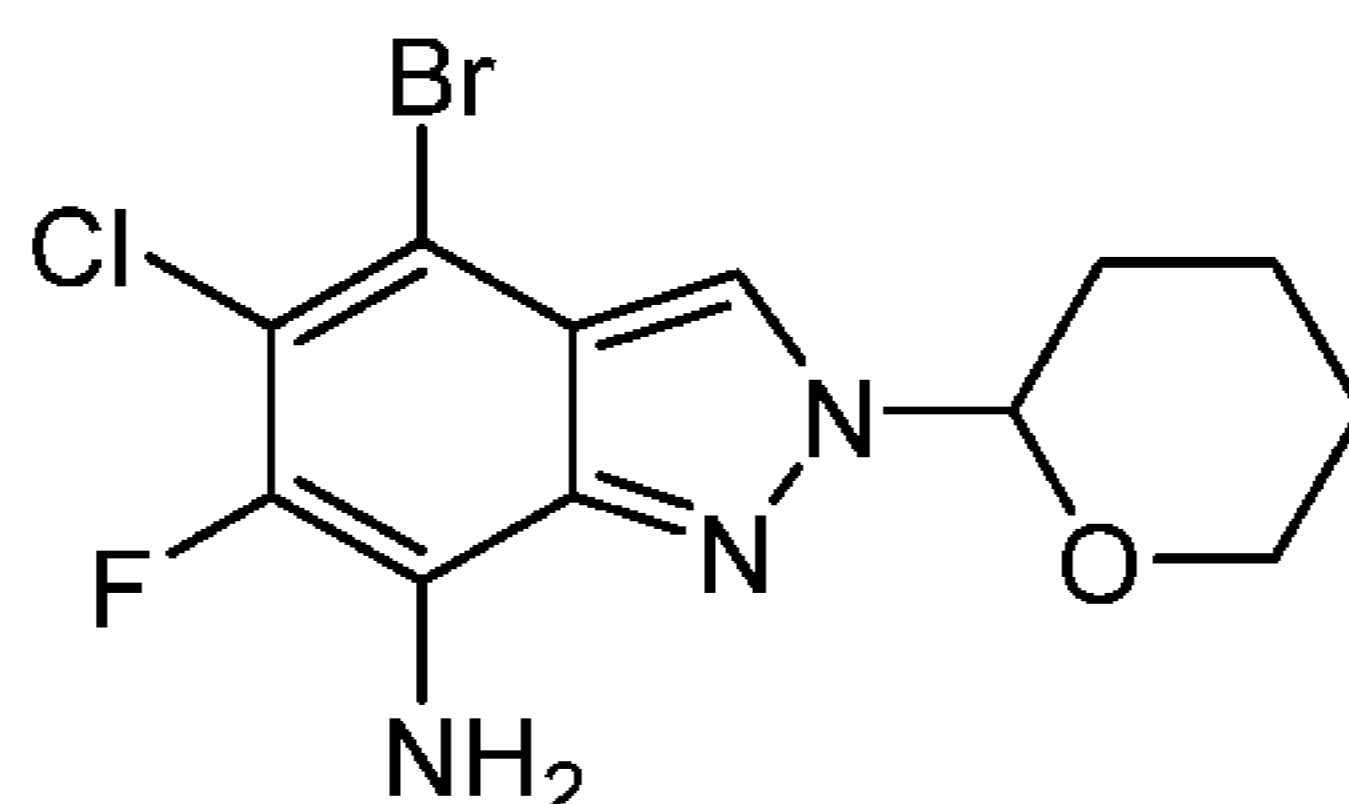
[0095] ¹H NMR (400MHz, DMSO-d₆) δ 13.91 (s, 1H), 8.27 (d, J = 1.6 Hz, 1H).

[0096] Step 2) 4-bromo-5-chloro-6-fluoro-7-iodo-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole

[0097] To a solution of 4-bromo-5-chloro-6-fluoro-7-iodo-1H-indazole (2.99 g, 7.97 mmol, 1 eq) in THF (40 mL) was added 3,4-dihydro-2H-pyran (2.18 ml, 23.9 mmol, 3 eq) and p-toluenesulfonic acid monohydrate (300 mg, 1.59 mmol, 0.2 eq). The reaction mixture was stirred 60 °C for 16 hours. The reaction mixture was extracted with Ethyl Acetate and dried over MgSO₄. The organic residue was purified by column chromatography (silical gel, Hex:Ethyl acetate=1:0 to 4:1). 4-bromo-5-chloro-6-fluoro-7-iodo-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole (1.64 g, 7.97 mmol, 60.7% yield) was obtained.

[0098] ¹H NMR (400MHz, DMSO-d₆) δ 8.84 (s, 1H), 5.80 (dd, J = 9.9, 2.7 Hz, 1H), 5.66 (s, 1H), 4.02 (t, J = 6.6 Hz, 1H), 3.85-3.70 (m, 1H), 2.33-2.21 (m, 1H), 2.08-1.91 (m, 2H), 1.79-1.45 (m, 4H).

[0099] Intermediate 1C. 4-bromo-5-chloro-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazol-7-amine



[0100] Step 1) 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole

[0101] To a mixture of HNO₃ (12.63 g, 200.43 mmol, 9.02 mL, 5 eq) in H₂SO₄ (50 mL) stirred at

0 °C was added 4-bromo-5-chloro-6-fluoro-1H-indazole (10 g, 40.09 mmol, 1 eq) slowly. After the addition the mixture was stirred at 0 °C for 2 hr. TLC (Petroleum ether: Ethyl acetate=3:1) showed all the reactant was consumed and a main new point showed up. Poured the mixture into ice-water, extracted with ethyl acetate (50 mL*3), the combined organic phase was dried over Na₂SO₄, filtered and the filtrate was concentrated to obtain 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole (12 g, crude) as a yellow solid.

[0102] Step 2) 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole

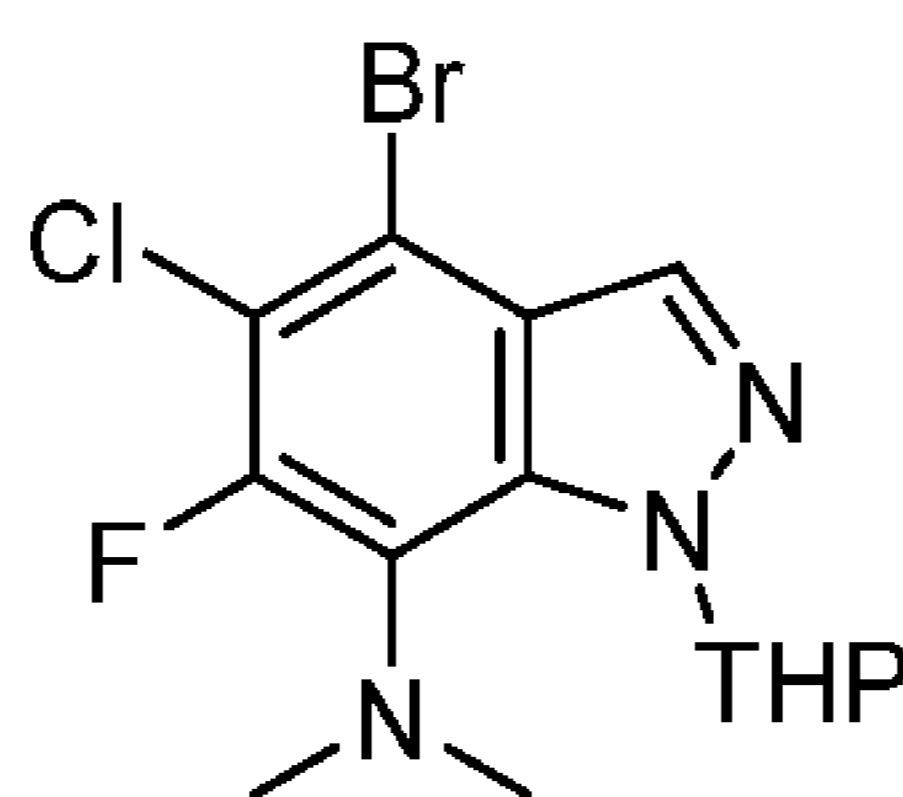
[0103] To a solution of 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole (2.34 g, 7.97 mmol, 1 eq) in THF (40 mL) was added 3,4-dihydro-2H-pyran (2.18 ml, 23.9 mmol, 3 eq) and p-toluenesulfonic acid monohydrate (300 mg, 1.59 mmol, 0.2 eq). The reaction mixture was stirred 60 °C for 14 hours. The reaction mixture was extracted with Ethyl Acetate and dried over MgSO₄. The organic residue was purified by column chromatography (silical gel, Hex:Ethyl acetate=1:0 to 4:1). 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole (1.65 g, 4.35 mmol, 54.7% yield) was obtained.

[0104] Step 3) 4-bromo-5-chloro-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazol-7-amine

[0105] To a solution of 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole (600 mg, 1.58 mmol, 1 eq) in EtOH (5 mL) and H₂O (5 mL) were added NH₄Cl (508.66 mg, 9.51 mmol, 6 eq) and Fe (531.04 mg, 9.51 mmol, 6 eq), then the reaction mixture was stirred at 80 °C for 1 hour. The reaction mixture was filtered, and the filtrate was diluted with ethyl acetate (20 mL), and the mixture was washed with water (20 mL*2), after then the organic layer was dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-TLC (SiO₂, Petroleum ether/Ethyl acetate =1:1). 4-bromo-5-chloro-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazol-7-amine (390 mg, 1.12 mmol, 70.59% yield) was obtained as a yellow oil.

[0106] ¹H NMR (400MHz, DMSO-d₆) δ 8.41 (s, 1H), 5.85 (br s, 2H), 5.71 (br d, J=8.0 Hz, 1H), 4.00 (br d, J=11.3 Hz, 1H), 3.77 - 3.59 (m, 1H), 2.29 - 2.17 (m, 1H), 2.10 - 1.91 (m, 2H), 1.78 - 1.54 (m, 3H).

[0107] Intermediate 1D. 4-bromo-5-chloro-6-fluoro-N,N-dimethyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-amine



[0108] Step 1) 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole

[0109] To a solution of Intermediate 1A (900 mg, 3.61 mmol, 1 eq) in H₂SO₄ (10 mL) (98% purity) was added HNO₃ (419.69 mg, 4.33 mmol, 299.78 uL, 1.2 eq) (65% purity) dropwise at -15 °C, then the reaction mixture was stirred at 0 °C for 2 hours. The reaction mixture was slowly poured into ice water (20 mL), then the mixture's pH was adjusted to pH = 7 by using saturated aqueous solution of NaOH, after then the mixture was extracted with ethyl acetate (30 mL*2), the combined organic layers were dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole (900 mg, crude) was obtained as a yellow solid.

[0110] ¹H NMR (400MHz, DMSO-d₆) δ 14.36 (br s, 1H), 8.37 (br s, 1H).

[0111] Step 2) 4-bromo-5-chloro-6-fluoro-7-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0112] To a solution of 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole (900 mg, 3.06 mmol, 1 eq) (crude) in DCM (10 mL) were added TsOH.H₂O (58.14 mg, 305.64 umol, 0.1 eq) and DHP (771.27 mg, 9.17 mmol, 838.34 uL, 3 eq), then the reaction mixture was stirred at 20 °C for 2 hours. The reaction mixture was diluted with dichloromethane (20 mL), and the mixture was washed with saturated aqueous solution of NaHCO₃ (15 mL*2), the organic layer was dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=40/1 to 25:1, 4-bromo-5-chloro-6-fluoro-7-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-

indazole came out at Petroleum ether/Ethyl acetate=40/1, 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole came out at Petroleum ether/Ethyl acetate=25/1). 4-bromo-5-chloro-6-fluoro-7-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (200 mg, 528.29 μmol , 17.28% yield) was obtained as a brown solid. 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole (600 mg, 1.58 mmol, 51.85% yield) was obtained as a yellow solid.

[0113] 4-bromo-5-chloro-6-fluoro-7-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0114] ^1H NMR (400MHz, DMSO- d_6) δ 8.43 (s, 1H), 5.50 (dd, J=2.8, 7.8 Hz, 1H), 3.45 - 3.38 (m, 2H), 2.35 - 2.27 (m, 1H), 2.23 - 2.14 (m, 1H), 1.92 (td, J=4.6, 13.6 Hz, 1H), 1.68 (ddt, J=4.0, 10.1, 13.9 Hz, 1H), 1.59 - 1.36 (m, 2H).

[0115] 4-bromo-5-chloro-6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole

[0116] ^1H NMR (400MHz, DMSO- d_6) δ 8.99 (s, 1H), 5.86 (dd, J=2.7, 9.7 Hz, 1H), 4.08 - 3.96 (m, 1H), 3.81 - 3.68 (m, 1H), 2.28 - 2.14 (m, 1H), 2.14 - 2.02 (m, 1H), 2.02 - 1.89 (m, 1H), 1.78 - 1.67 (m, 1H), 1.64 - 1.56 (m, 2H).

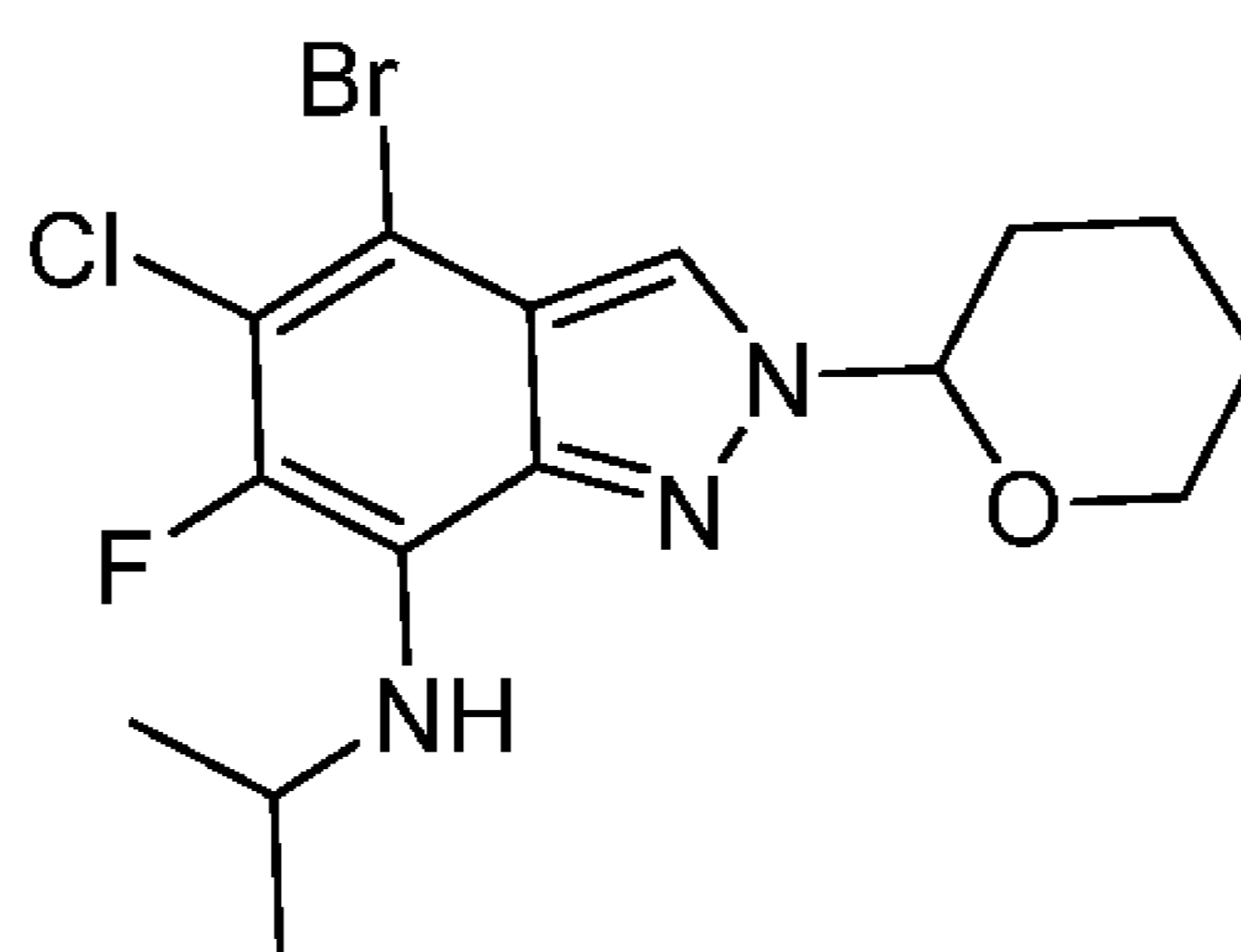
[0117] Step 3) 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-amine

[0118] To a solution of 4-bromo-5-chloro-6-fluoro-7-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (200 mg, 528.29 μmol , 1 eq) in EtOH (5 mL) and H₂O (5 mL) were added NH₄Cl (169.55 mg, 3.17 mmol, 6 eq) and Fe (177.03 mg, 3.17 mmol, 6 eq), then the reaction mixture was stirred at 80 °C for 2 hours. The reaction mixture was filtered, and the filtrate was concentrated to remove EtOH, then the mixture was diluted with ethyl acetate (20 mL), and the mixture was washed with water (20 mL*2), after then the organic layer was dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-amine (140 mg, crude) was obtained as a yellow solid.

[0119] Step 4) 4-bromo-5-chloro-6-fluoro-N,N-dimethyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-amine

[0120] To a solution of 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-amine (120 mg, 344.24 μmol , 1 eq) in THF (5 mL) was added NaH (34.42 mg, 860.59 μmol , 60% purity, 2.5 eq) in portions at 0 °C under N₂, then the mixture was stirred at 0 °C for 30 mins under N₂, after then MeI (293.16 mg, 2.06 mmol, 128.58 μL , 6 eq) was added dropwise, and the reaction mixture was stirred at 20 °C for 12 hours under N₂. The reaction mixture was poured into saturated aqueous solution of NH₄Cl (20 mL), then the mixture was extracted with ethyl acetate (20 mL*2), the combined organic layers were dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-TLC (SiO₂, Petroleum ether/Ethyl acetate =5:1). Intermediate 1E (30 mg, 78.06 μmol , 22.68% yield, 98% purity) was obtained as a yellow oil.

[0121] Intermediate 1E. 4-bromo-5-chloro-6-fluoro-N-isopropyl-2-(tetrahydro-2H-pyran-2-yl)-2H-indazol-7-amine

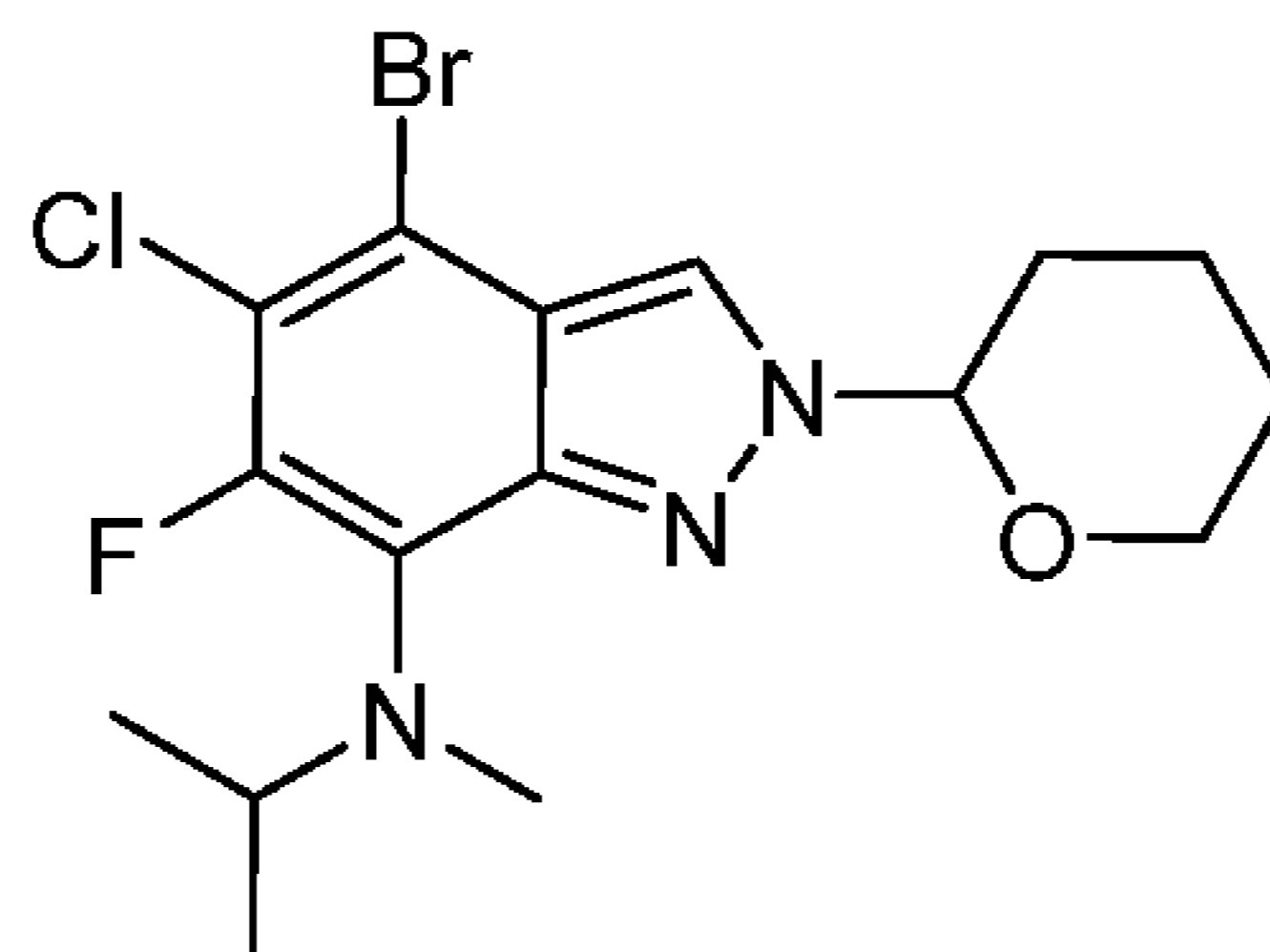


[0122] To a solution of Intermediate 1B (100 mg, 0.218 mmol, 1 eq) in 2-methyl-2-butanol (1.09 mL) was added Xantphos Pd G3 (21 mg, 21.8 μmol , 0.1 eq) and Cs₂CO₃ (142 mg, 0.436 mmol, 2.0 eq). The mixture was degassed and purged with N₂ for 3 times, and then propan-2-amine (0.19 mL, 2.18 mmol, 10 eq) was added. The mixture was stirred at 90 °C for 3 hr in sealed tube. The reaction mixture was diluted with H₂O (40 mL), and then the mixture was extracted with DCM (50 mL * 3). The combined organic layers were dried over Na₂SO₄, filtered and the filtrate was concentrated in vacuum to give a residue. The residue was purified by silica gel chromatography (product came out at Hexane/Ethyl acetate =10/1) to

afford Intermediate 1E (47 mg, 0.120 mmol, 55 % yield) as beige color solid.

[0123] $^1\text{H NMR}$ (400 MHz, DMSO- d_6) δ 8.43 (s, 1H), 5.74 (dd, $J = 9.6, 2.5$ Hz, 1H), 5.29 (dd, $J = 9.9, 3.3$ Hz, 1H), 4.63-4.57 (m, 1H), 3.99 (d, $J = 11.0$ Hz, 1H), 3.74-3.68 (m, 1H), 2.23-2.17 (m, 1H), 2.05-1.95 (m, 2H), 1.74-1.57 (m, 3H), 1.23-1.18 (m, 6H).

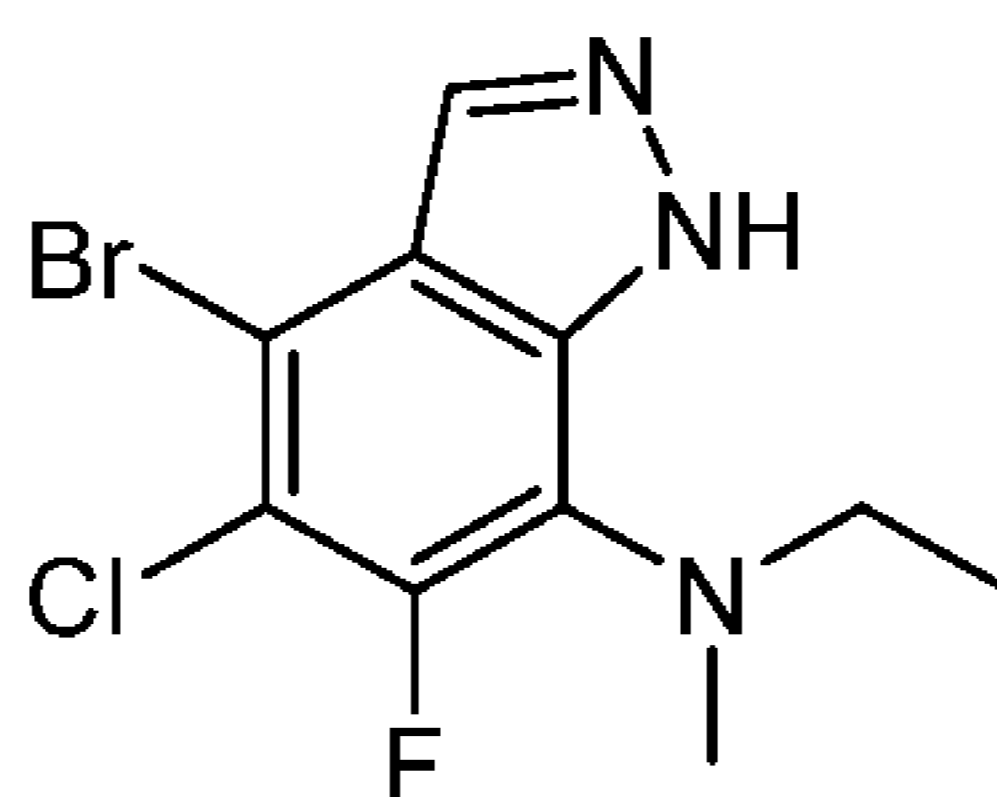
5 **[0124]** Intermediate 1F. 4-bromo-5-chloro-6-fluoro-N-isopropyl-N-methyl-2-(tetrahydro-2H-pyran-2-yl)-2H-indazol-7-amine



10 **[0125]** To a solution of Intermediate 1E (600 mg, 1.54 mmol, 1.0 eq) in Methanol (7.7 mL) was added formaldehyde (0.572 mL, 7.68 mmol, 5.0 eq) and acetic acid (88 μL , 1.54 mmol, 1.0 eq). The mixture was stirred at room temperature for 10 min. Sodium cyanoborohydride (290 mg, 4.61 mmol, 3.0 eq) was added and then the mixture was stirred room temperature for 16 hr. The reaction mixture was quenched by H_2O and extracted with Ethyl acetate (150 mL*3). The combined organic layers were dried over Na_2SO_4 , filtered and the filtrate was concentrated in vacuum to give a residue. The residue was purified by silica gel chromatography (product came out at Hexane/Ethyl acetate = 100/4) to afford Intermediate 1F (292 mg, 0.722 mmol, 47 % yield) as brown color oil.

15 **[0126]** $^1\text{H NMR}$ (400 MHz, DMSO- d_6) δ 8.51 (s, 1H), 5.75 (dd, $J = 9.3, 2.7$ Hz, 1H), 4.14-4.05 (m, 1H), 4.00-3.93 (m, 1H), 3.78-3.67 (m, 1H), 2.92 (d, $J = 4.4$ Hz, 3H), 2.23-2.20 (m, 1H), 2.05-1.95 (m, 2H), 1.75-1.60 (m, 3H), 1.17 (d, $J = 6.6$ Hz, 6H).

[0127] Intermediate 1G. 4-bromo-5-chloro-N-ethyl-6-fluoro-N-methyl-1H-indazol-7-amine



20 **[0128]** Step 1) 4-bromo-5-chloro-6-fluoro-1H-indazol-7-amine
[0129] To a solution of 4-bromo-5-chloro-6-fluoro-7-nitro-1H-indazole (12 g, 40.75 mmol, 1 eq) in EtOH (100 mL) and H_2O (40 mL) was added Fe (6.83 g, 122.26 mmol, 3 eq) and NH_4Cl (6.54 g, 122.26 mmol, 3 eq). The reaction mixture was heated to 80 $^\circ\text{C}$ and reacted for 2 hr. The reaction mixture was filtered through a celite cake, the filtrate was concentrated to give the crude product. The residue was purified by column chromatography (SiO_2 , Petroleum ether/Ethyl acetate=20/1 to 3/1). 4-bromo-5-chloro-6-fluoro-1H-indazol-7-amine (5 g, 18.90 mmol, 46.39% yield) was obtained as a yellow solid.

[0130] Step 2) N-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)acetamide

30 **[0131]** To a solution 4-bromo-5-chloro-6-fluoro-1H-indazol-7-amine (3 g, 11.34 mmol, 1 eq) in AcOH (30 mL) was added Ac_2O (1.39 g, 13.61 mmol, 1.27 mL, 1.2 eq), the reaction mixture was heated to 80 $^\circ\text{C}$ and reacted for 3 hr. The solvent was removed under vacuum. The residue was purified by column chromatography (SiO_2 , Petroleum ether/Ethyl acetate = 50/1 to 4/1) to obtain N-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)acetamide (3 g, 9.79 mmol, 86.29% yield) as a yellow solid.

[0132] Step 3) 4-bromo-5-chloro-N-ethyl-6-fluoro-1H-indazol-7-amine

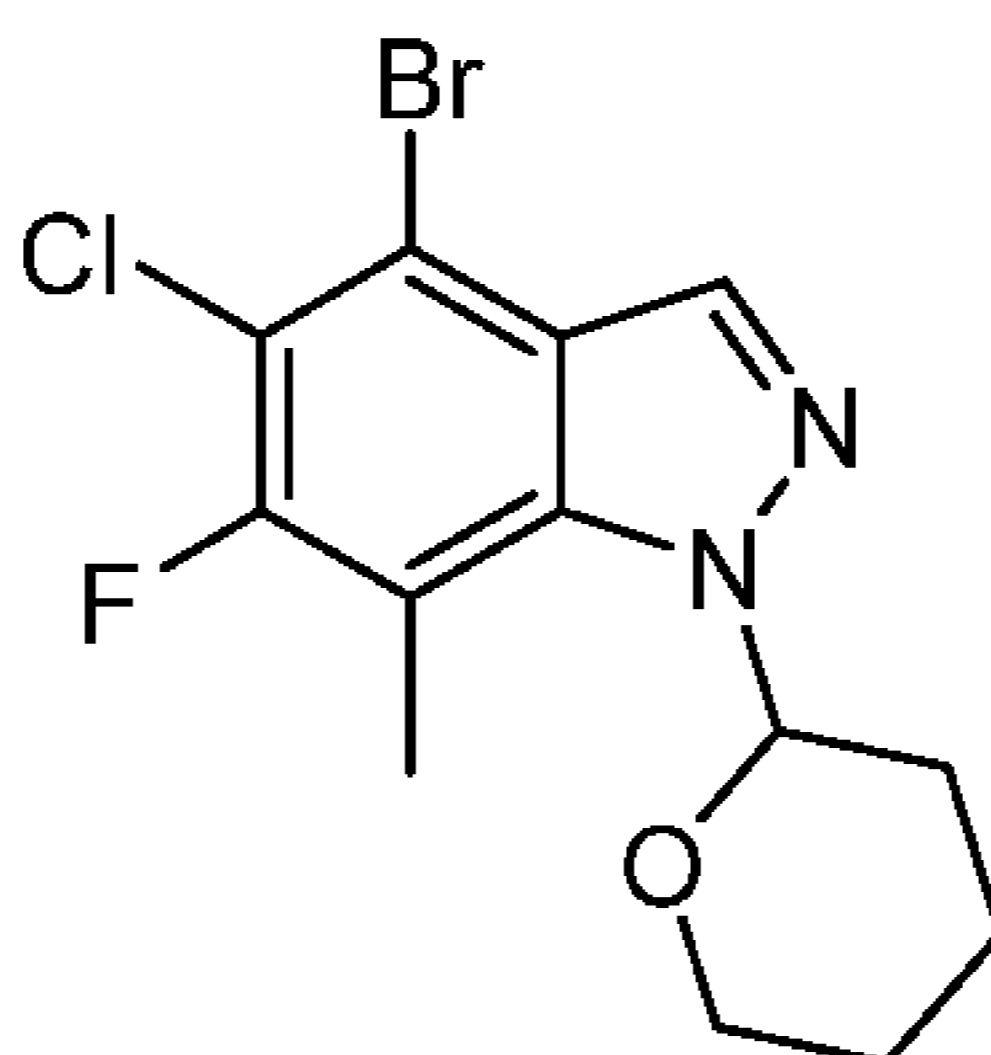
35 **[0133]** To a solution of LAH (520.00 mg, 13.70 mmol, 1.5 eq) in THF (50 mL) was added a solution of N-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)acetamide (2.8 g, 9.13 mmol, 1 eq) in THF (100 mL) drop-wise under N_2 at 0 $^\circ\text{C}$, after the addition, the reaction mixture was allowed to warm to 25 $^\circ\text{C}$, and reacted for 16 hr. The mixture was poured into water (500 mL), extracted with ethyl acetate (100 mL * 2), the combined organic phase was dried over Na_2SO_4 , filtered and the filtrate was concentrated to give

the crude. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=50/1 to 2/1) to obtain 4-bromo-5-chloro-N-ethyl-6-fluoro-1H-indazol-7-amine (1 g, 3.42 mmol, 37.42% yield) as a yellow solid.

[0134] Step 4) 4-bromo-5-chloro-N-ethyl-6-fluoro-N-methyl-1H-indazol-7-amine

5 [0135] To a solution of 4-bromo-5-chloro-N-ethyl-6-fluoro-1H-indazol-7-amine (1.4 g, 4.79 mmol, 1 eq) and HCHO (718.48 mg, 23.93 mmol, 659.16 uL, 5 eq) in MeOH (50 mL) was added NaBH₃CN (902.21 mg, 14.36 mmol, 3 eq) and AcOH (287.38 mg, 4.79 mmol, 273.70 uL, 1 eq). The reaction mixture was stirred at 25 °C for 16 hr. The solvent was removed under vacuum. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=50/1 to 5/1) to obtain 4-bromo-5-chloro-N-ethyl-6-fluoro-N-methyl-1H-indazol-7-amine (1.4 g, 4.57 mmol, 95.42% yield) as a white solid.

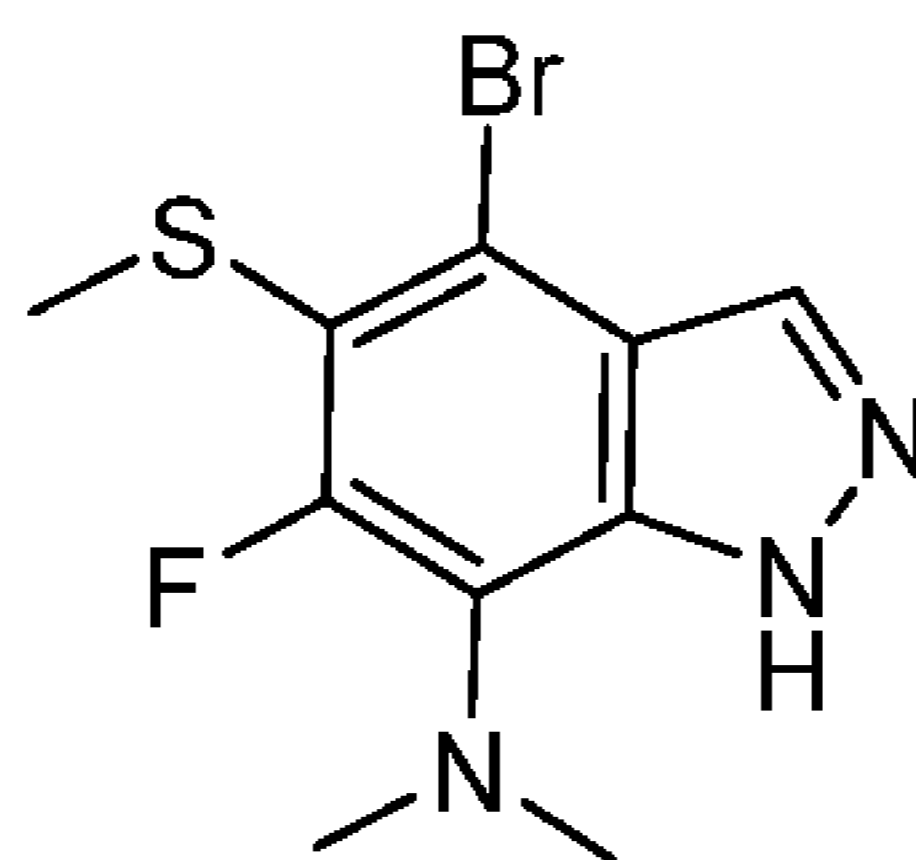
[0136] Intermediate IH. 4-bromo-5-chloro-6-fluoro-7-methyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole



15 [0137] To a solution of 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.5 g, 1.50 mmol, 1 eq) in THF (10 mL) was added dropwise LDA (2 M, 1.87 mL, 2.5 eq) at -78°C. After addition, the mixture was stirred at this temperature for 2.5 hr, and then MeI (319.12 mg, 2.25 mmol, 139.97 uL, 1.5 eq) was added dropwise at -78 °C. The resulting mixture was stirred at 20 °C for 16 hr. The mixture was poured into saturated NH₄Cl and extracted with EA 20 mL. The organic layer was concentrated.

20 The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=20/1 to 10/1). We got the desired product 4-bromo-5-chloro-6-fluoro-7-methyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.38 g, 1.09 mmol, 72.93% yield) was obtained as white solid.

[0138] Intermediate II. 4-bromo-6-fluoro-N,N-dimethyl-5-(methylthio)-1H-indazol-7-amine



25 [0139] Step 1) 4-bromo-6-fluoro-7-nitro-1H-indazole

[0140] To a solution of 4-bromo-6-fluoro-1H-indazole (10 g, 46.51 mmol, 1 eq) in H₂SO₄ (80 mL) (98% purity) was added KNO₃ (4.70 g, 46.51 mmol, 1 eq) at 0 °C in portions, then the mixture was stirred at 0 °C for 1 h. The reaction mixture was then poured into ice water (200 mL), and the mixture was extracted with ethyl acetate (100 mL*2), the combined organic layers were washed with saturated aqueous solution of NaHCO₃ (100 mL*2) and brine (100 mL), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by silica gel chromatography (200-300 mesh silica gel, Petroleum ether/Ethyl acetate=15/1 to 1/1, product 4-bromo-6-fluoro-7-nitro-1H-indazole came out at Petroleum ether/Ethyl acetate=8/1) to afford 4-bromo-6-fluoro-7-nitro-1H-indazole (2.7 g, 10.38 mmol, 22.32% yield) as yellow solid and crude product. The crude product was purified by MPLC (Petroleum ether/Ethyl acetate) to afford 4-bromo-6-fluoro-7-nitro-1H-indazole (3.57 g, 13.73 mmol, 29.52% yield) as yellow solid.

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35

[0141] Step 2) 4-bromo-6-fluoro-5-iodo-7-nitro-1H-indazole

[0142] To a solution of 4-bromo-6-fluoro-7-nitro-1H-indazole (2.7 g, 10.38 mmol, 1 eq) in H₂SO₄

(30 mL) was added NIS (7.01 g, 31.15 mmol, 3 eq) at 25 °C. The reaction mixture was stirred at 50 °C for 16 h. The reaction mixture was quenched by ice water (50 mL). Then the mixture was extracted with ethyl acetate (50 mL * 3). The combined organic layers were washed with Na₂SO₃ aqueous solution (20 mL*2), NaHCO₃ aqueous solution (20 mL*2) and brine (20 mL), dried over sodium sulfate, filtered and the filtrate was concentrated in vacuum to give 4-bromo-6-fluoro-5-iodo-7-nitro-1H-indazole (3.4 g, 8.81 mmol, 84.85% yield) as yellow solid.

[0143] ¹H NMR (400 MHz, DMSO-d₆) δ 14.28 (br s, 1H), 8.30 (s, 1H).

[0144] Step 3) 4-bromo-6-fluoro-5-iodo-1H-indazol-7-amine

[0145] To a solution of 4-bromo-6-fluoro-5-iodo-7-nitro-1H-indazole (3.4 g, 8.81 mmol, 1 eq) in EtOH (50 mL) and H₂O (25 mL) was added NH₄Cl (2.83 g, 52.86 mmol, 6 eq), then Fe (2.95 g, 52.86 mmol, 6 eq) was added in portions at 60°C. The mixture was stirred at 80 °C for 1 h. The reaction mixture was filtered through celite while it was still hot. Then the filtrate was concentrated in vacuum to remove EtOH. The resulting aqueous phase was extracted with ethyl acetate (50 mL * 2). The combined organic layers were washed with brine (50 mL), dried over sodium sulfate, filtered and the filtrate was concentrated in vacuum to give a residue. The residue was purified by silica gel chromatography (MPLC, Petroleum ether/Ethyl acetate=5/1 to 2/1, product came out at Petroleum ether/Ethyl acetate=2/1) to afford 4-bromo-6-fluoro-5-iodo-1H-indazol-7-amine (2.2 g, 6.18 mmol, 70.16% yield) as gray solid.

[0146] ¹H NMR (400 MHz, DMSO-d₆) δ 13.09 (br s, 1H), 7.86 (d, J = 1.7 Hz, 1H), 5.62 (s, 2H).

[0147] Step 4) 4-bromo-6-fluoro-5-iodo-N,N-dimethyl-1H-indazol-7-amine

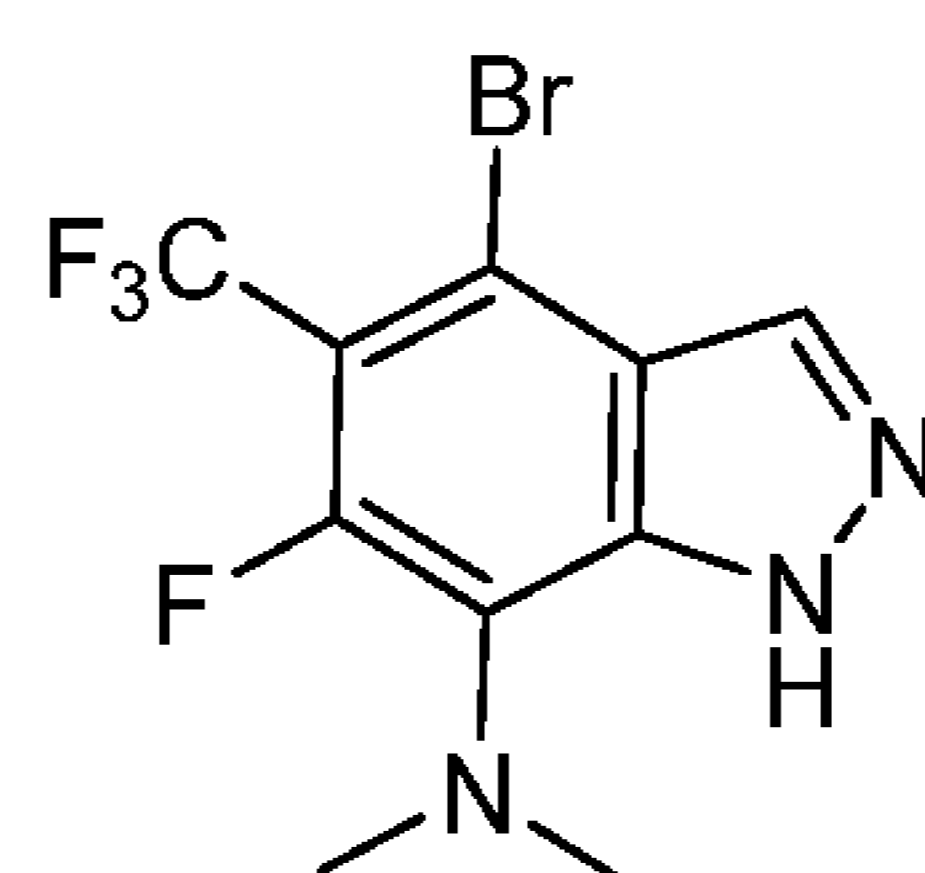
[0148] To a solution of 4-bromo-6-fluoro-5-iodo-1H-indazol-7-amine (2.2 g, 6.18 mmol, 1 eq) in MeOH (50 mL) was added AcOH (1.11 g, 18.54 mmol, 1.06 mL, 3 eq), HCHO (5.02 g, 61.81 mmol, 4.60 mL, 10 eq), then NaBH₃CN (3.88 g, 61.81 mmol, 10 eq) was added in portions under 40°C. Gas released and the temperature rise. The suspension was stirred at 25°C for 16 h. The reaction mixture was poured into water (50 mL), then the mixture was concentrated to remove MeOH, after then the mixture was extracted with ethyl acetate (50 mL*2), and the combined organic layers were washed with brine (50 mL), dried over sodium sulfate, filtered and concentrated under reduced pressure to give a residue. The residue was purified by silica gel chromatography (200-300 mesh silica gel, Petroleum ether/Ethyl acetate=15/1 to 8/1, product came out at Petroleum ether/Ethyl acetate=8/1) to afford 4-bromo-6-fluoro-5-iodo-N,N-dimethyl-1H-indazol-7-amine (2.05 g, 5.34 mmol, 86.37% yield) as off-white solid.

[0149] Step 5) 4-bromo-6-fluoro-N,N-dimethyl-5-(methylthio)-1H-indazol-7-amine

[0150] To a 100 mL bottle equipped with a magnetic stir bar was added 4-bromo-6-fluoro-5-iodo-N,N-dimethyl-1H-indazol-7-amine (1.2 g, 3.13 mmol, 1 eq), NaSMe (328.56 mg, 4.69 mmol, 1.5 eq), Xantphos (361.65 mg, 625.02 μmol, 0.2 eq), K₂CO₃ (1.30 g, 9.38 mmol, 3 eq), dioxane (20 mL) and Pd₂(dba)₃ (286.17 mg, 312.51 μmol, 0.1 eq) sequentially. The bottle was evacuated and backfilled with nitrogen. Then the mixture was stirred at 90 °C for 16 h under nitrogen atmosphere. The residue was purified by silica gel chromatography (200-300 mesh silica gel, Petroleum ether/Ethyl acetate=20/1 to 8/1, product came out at Petroleum ether/Ethyl acetate=10/1) to afford 4-bromo-6-fluoro-N,N-dimethyl-5-(methylthio)-1H-indazol-7-amine (540 mg, 1.78 mmol, 56.81% yield) as orange solid.

[0151] ¹H NMR (400 MHz, DMSO-d₆) δ 13.59 (br s, 1H), 8.00 (d, J = 1.6 Hz, 1H), 2.91 (d, J = 2.4 Hz, 6H), 2.39 (s, 3H).

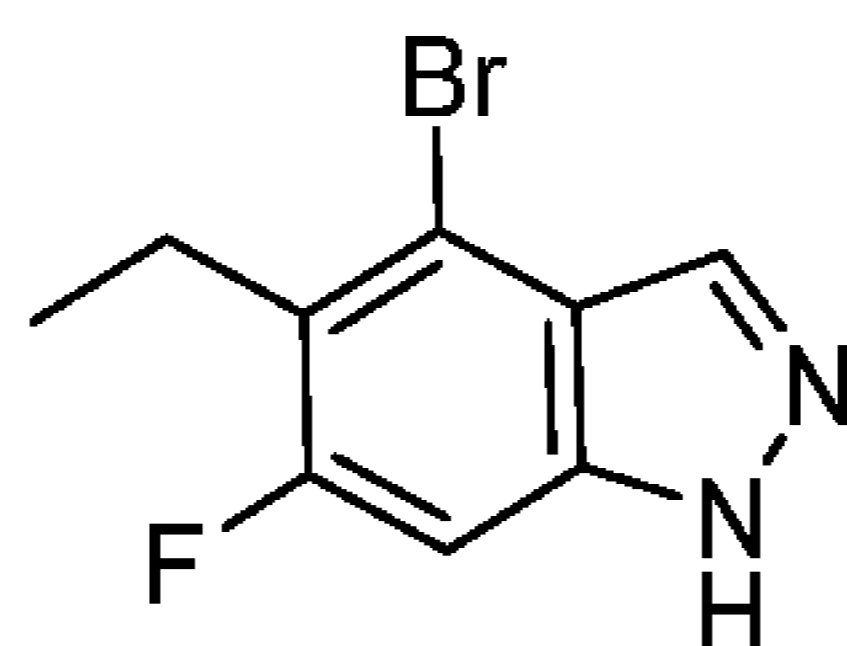
[0152] Intermediate 1J. 4-bromo-6-fluoro-N,N-dimethyl-5-(trifluoromethyl)-1H-indazol-7-amine



[0153] To a solution of 4-bromo-6-fluoro-5-iodo-N,N-dimethyl-1H-indazol-7-amine (1.0 g, 2.61

mmol, 1 eq) and methyl 2,2-difluoro-2-(fluorosulfonyl)acetate (1.00 g, 5.22 mmol, 664.45 uL, 2 eq) in DMF (10 mL) was added CuI (994.63 mg, 5.22 mmol, 2 eq). The mixture was stirred at 100 °C for 6 hr under N₂ atmosphere. The reaction mixture was filtered and the filtrate was diluted with water 50 mL and extracted with Ethyl acetate (50 mL * 2). The combined organic layers were washed with brine (50 mL * 3), dried over anhydrous Na₂SO₄, filtered and the filtrate was concentrated under reduced pressure to give a residue. The residue was purified by silical gel column chromatography (Petroleum ether: Ethyl acetate=1:0 to 10:1). 4-bromo-6-fluoro-N,N-dimethyl-5-(trifluoromethyl)-1H-indazol-7-amine (502 mg, 1.54 mmol, 58.91% yield) was obtained as a yellow solid.

[0154] Intermediate 1K. 4-bromo-5-ethyl-6-fluoro-1H-indazole



[0155] Step 1) 4-bromo-5-ethyl-6-fluoro-2-trityl-2H-indazole

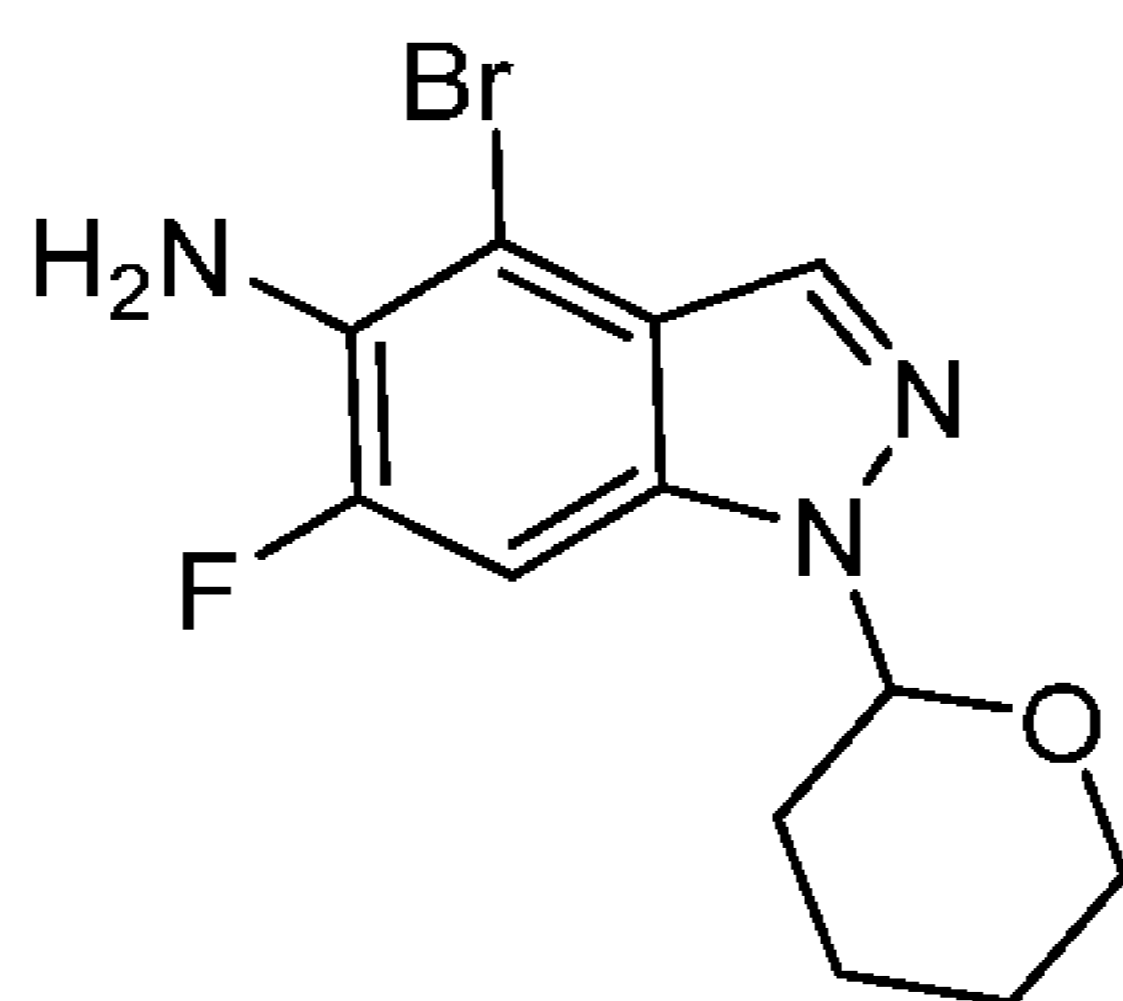
[0156] To a solution of diisopropylamine (132.75 mg, 1.31 mmol, 185.41 uL, 1.2 eq) in THF (5 mL) was added slowly n-BuLi (2.5 M, 481.04 uL, 1.1 eq) at -78 °C for 0.5 hr under N₂ atmosphere. Then a solution of 4-bromo-6-fluoro-2-trityl-2H-indazole (500 mg, 1.09 mmol, 1 eq) in THF (2 mL) was added dropwise to the solution. After the mixture was stirred at -78 °C for 0.5 hr, a solution of EtI (204.62 mg, 1.31 mmol, 104.93 uL, 1.2 eq) in THF (2 mL) was added to the mixture and the solution were warmed to 15 °C and stirred for 2 hr under N₂ atmosphere. The reaction mixture was quenched by addition with saturated NH₄Cl aqueous 3 mL at 15 °C, was diluted with water 20 mL and extracted with Ethyl acetate (30 mL * 2). The combined organic layers were washed with brine (30 mL * 2), dried over Na₂SO₄, filtered and the filtrate was concentrated under reduced pressure to give a residue. 4-bromo-5-ethyl-6-fluoro-2-trityl-2H-indazole (500 mg, crude) was obtained as a yellow solid.

[0157] Step 2) 4-bromo-5-ethyl-6-fluoro-1H-indazole

[0158] To a solution of 4-bromo-5-ethyl-6-fluoro-2-trityl-2H-indazole (500 mg, 1.03 mmol, 1 eq) in DCM (6 mL) was added TFA (3.08 g, 27.01 mmol, 2.00 mL, 26.22 eq). The mixture was stirred at 15 °C for 4 hr. The reaction mixture pH was adjusted to 7 with saturated NaHCO₃ aqueous, and the mixture was extracted with Dichloromethane (30 mL * 2). The combined organic layers were washed with brine (30 mL * 2), dried over Na₂SO₄, filtered and the filtrate was concentrated under reduced pressure to give a residue. The residue was purified by prep-HPLC (column: Phenomenex luna C18 150*40mm* 15um;mobile phase: [water(0.1%TFA)-ACN];B%: 40%-70%,10min). The fraction was concentrated under reduced pressure to remove ACN, the aqueous pH was adjusted to 7 with saturated NaHCO₃ aqueous. The aqueous was extracted with Ethyl acetate (10 mL * 2). The combined organic layers were washed with brine (10 mL * 2), dried over Na₂SO₄, filtered and the filtrate was concentrated under reduced pressure to give a product. 4-bromo-5-ethyl-6-fluoro-1H-indazole (70 mg, 287.98 umol, 27.96% yield) was obtained as a yellow solid.

[0159] ¹H NMR (400MHz, DMSO-d₆) δ 13.39 (br s, 1H), 8.01 - 7.98 (m, 1H), 7.41 (d, J=9.9 Hz, 1H), 2.83 (dq, J=2.4, 7.5 Hz, 2H), 1.14 (t, J=7.5 Hz, 3H).

[0160] Intermediate 1L. 4-bromo-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine



[0161] Step 1) 6-fluoro-5-nitro-1H-indazole

[0162] To a solution of 6-fluoro-1H-indazole (4.4 g, 32.32 mmol, 1 eq) in H₂SO₄ (30 mL) was

added HNO₃ (2.44 g, 38.79 mmol, 1.75 mL, 1.2 *eq*) dropwise at -15 °C, the reaction mixture was stirred at 0 °C for 2 hours. The reaction mixture was slowly poured into ice water (100 mL), then the mixture was extracted with ethyl acetate (100 mL*2), the combined organic layers were dried over Na₂SO₄, filtered and concentrated under reduced pressure to give 6-fluoro-5-nitro-1H-indazole (5.4 g, crude) was obtained as a yellow solid.

[0163] Step 2) 6-fluoro-5-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0164] To a mixture of 6-fluoro-5-nitro-1H-indazole (4.9 g, 27.05 mmol, 1 *eq*) (crude) in DCM (50 mL) were added DHP (6.83 g, 81.16 mmol, 7.42 mL, 3 *eq*) and TsOH.H₂O (514.60 mg, 2.71 mmol, 0.1 *eq*), and the reaction mixture was stirred at 15 °C for 1 hour. The reaction mixture was poured into saturated solution of NaHCO₃ (100 mL), then the mixture was extracted with dichloromethane (50 mL*2), the combined organic layers were dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=20/1 to 15:16-fluoro-5-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (3 g, 11.31 mmol, 41.81% yield) was obtained as a yellow solid.

[0165] ¹H NMR (400MHz, DMSO-d₆) δ 8.78 (d, *J*=7.3 Hz, 1H), 8.41 (s, 1H), 7.97 (d, *J*=12.1 Hz, 1H), 5.90 (dd, *J*=2.1, 9.7 Hz, 1H), 3.94 - 3.85 (m, 1H), 3.82 - 3.72 (m, 1H), 2.43 - 2.28 (m, 1H), 2.10 - 1.93 (m, 2H), 1.82 - 1.34 (m, 3H).

[0166] Step 3) 6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine

[0167] To a solution of 6-fluoro-5-nitro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (2.9 g, 10.93 mmol, 1 *eq*) in MeOH (30 mL) was added wet Pd/C (300 mg, 10% purity) under N₂ atmosphere. The suspension was degassed and purged with H₂ for 3 times. The mixture was stirred under H₂ (15 Psi) at 15 °C for 4 hours. The reaction mixture was filtered, and the filtrate was concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=15/1 to 8:1). 6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine (1.5 g, 5.87 mmol, 53.65% yield, 92% purity) was obtained as a brick-red solid.

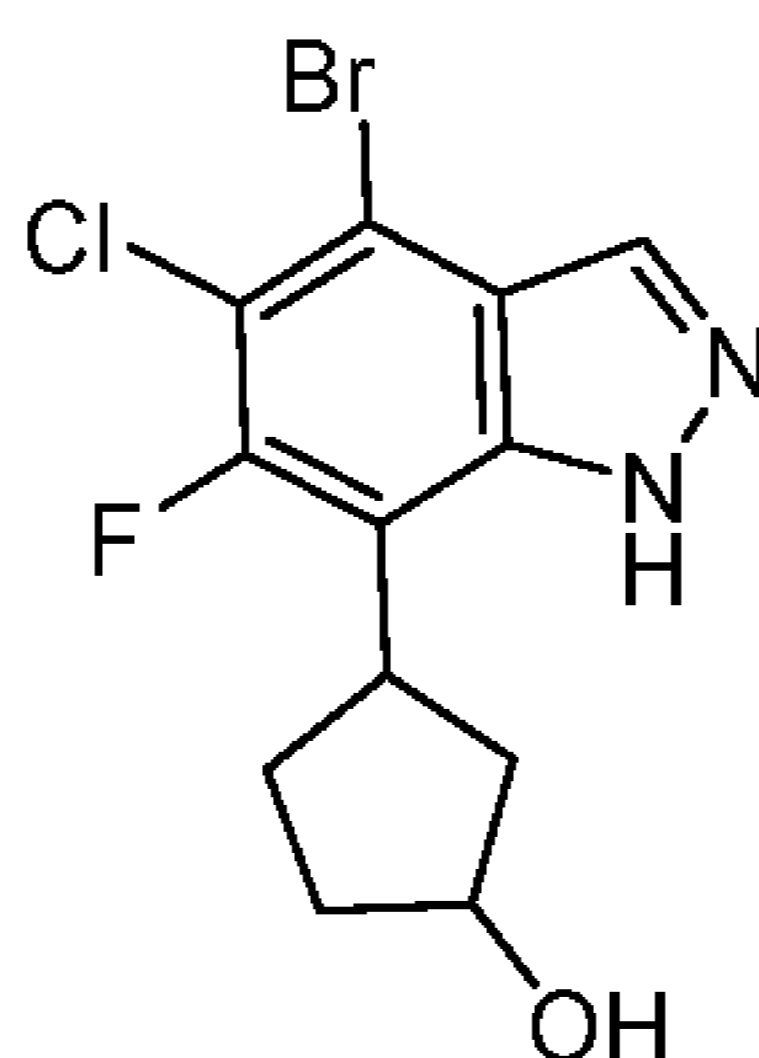
[0168] ¹H NMR (400MHz, DMSO-d₆) δ 7.82 (s, 1H), 7.43 (d, *J*=11.6 Hz, 1H), 6.98 (d, *J*=8.6 Hz, 1H), 5.66 (dd, *J*=2.3, 9.7 Hz, 1H), 4.91 (s, 2H), 3.85 (br d, *J*=12.1 Hz, 1H), 3.77 - 3.62 (m, 1H), 2.42 - 2.27 (m, 1H), 2.07 - 1.96 (m, 1H), 1.95 - 1.86 (m, 1H), 1.76 - 1.63 (m, 1H), 1.59 - 1.51 (m, 2H); LCMS (electrospray) *m/z* 236.1 (M+H)+.

[0169] Step 4) 4-bromo-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine

[0170] To a solution of 6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine (1.45 g, 5.67 mmol, 1 *eq*) in MeCN (10 mL) was added NBS (1.21 g, 6.80 mmol, 1.2 *eq*) in portions at 0 °C. The mixture was stirred at 0 °C for 2 hours. The reaction mixture was concentrated to give a residue. Then the residue was dissolved in ethyl acetate (30 mL), and the mixture was washed with brine (15 mL*2), the organic layer was dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=20/1). 4-bromo-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-5-amine (1.3 g, 4.14 mmol, 72.98% yield) was obtained as a brown solid.

[0171] ¹H NMR (400MHz, DMSO-d₆) δ 7.80 (s, 1H), 7.60 (d, *J*=10.6 Hz, 1H), 5.71 (dd, *J*=2.5, 9.6 Hz, 1H), 5.15 (s, 2H), 3.88 - 3.82 (m, 1H), 3.76 - 3.68 (m, 1H), 2.36 - 2.27 (m, 1H), 2.02 (br dd, *J*=4.6, 8.5 Hz, 1H), 1.96 - 1.90 (m, 1H), 1.76 - 1.65 (m, 1H), 1.60 - 1.52 (m, 2H).

[0172] Intermediate 1M. 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentan-1-ol



[0173] Step 1) 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole-7-carbaldehyde

[0174] To a mixture of Intermediate 1A (3 g, 8.99 mmol, 1 eq) in THF (60 mL) was added LDA (2 M, 17.99 mL, 4 eq) dropwise at -78 °C under N₂. The mixture was stirred at -78 °C for 1 h. After then, HCO₂Et (3.17 g, 35.97 mmol, 3.52 mL, 4 eq) in THF (8 mL) was added dropwise at -78 °C, then the mixture was stirred at -78 °C for 2h. The reaction mixture was quenched by addition of saturated NH₄Cl solution (20 mL) at -78 °C, and then extracted with EA (30 mL * 3). The combined organic layers were washed with brine (30 mL *2), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=30/1 to 20/1). 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole-7-carbaldehyde (2.78 g, 7.69 mmol, 85.49% yield) was obtained as an off-white solid.

[0175] ¹H NMR (400 MHz, DMSO-d₆) δ 10.40 (s, 1H), 8.35 (s, 1H), 6.09 (dd, J = 2.6, 8.9 Hz, 1H), 3.71 - 3.63 (m, 1H), 3.63 - 3.52 (m, 1H), 2.42 - 2.30 (m, 1H), 2.21 - 2.10 (m, 1H), 2.07 - 1.95 (m, 1H), 1.77 - 1.63 (m, 2H), 1.60 - 1.40 (m, 2H); LCMS (electrospray) m/z 278.9 (M+H)+.

[0176] Step 2) 1-(4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-yl)but-3-en-1-ol

[0177] To a mixture of 4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole-7-carbaldehyde (2.2 g, 6.08 mmol, 1 eq) in THF (60 mL) was added allyl magnesium bromide (1 M, 9.13 mL, 1.5 eq) dropwise at 0 °C under N₂. The mixture was stirred at 0 °C for 2 h. The reaction mixture was quenched by addition of saturated NH₄Cl solution (20 mL) at 0 °C, and then extracted with EA (30 mL * 3). The combined organic layers were washed with brine (30 mL * 2), dried over anhydrous Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=10/1 to 5/1). 1-(4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-yl)but-3-en-1-ol (2 g, 4.95 mmol, 81.43% yield) was obtained as a colorless oil.

[0178] ¹H NMR (400 MHz, DMSO-d₆) δ 8.25 - 8.21 (m, 1H), 8.20 - 8.18 (m, 1H), 6.61 (br d, J = 9.0 Hz, 1H), 6.23 (d, J = 4.0 Hz, 1H), 6.18 (br d, J = 8.3 Hz, 1H), 5.95 (d, J = 5.0 Hz, 1H), 5.90 - 5.75 (m, 2H), 5.36 (dt, J = 4.3, 7.5 Hz, 1H), 5.30 (td, J = 5.9, 7.9 Hz, 1H), 5.10 - 4.97 (m, 4H), 3.97 (br d, J = 11.5 Hz, 1H), 3.89 (br d, J = 11.3 Hz, 1H), 3.69 - 3.55 (m, 2H), 2.87 - 2.74 (m, 2H), 2.70 - 2.55 (m, 4H), 2.06 (br d, J = 10.8 Hz, 3H), 1.96 - 1.87 (m, 1H), 0.90 - 0.78 (m, 1H); LCMS (electrospray) m/z 302.9 (M+H)+.

[0179] Step 3) 4-bromo-7-(3-bromocyclopentyl)-5-chloro-6-fluoro-1H-indazole

[0180] To a mixture of 1-(4-bromo-5-chloro-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazol-7-yl)but-3-en-1-ol (2 g, 4.95 mmol, 1 eq) in DCM (20 mL) was added Br₂ (1.19 g, 7.43 mmol, 383.11 uL, 1.5 eq) in DCM (2 mL) dropwise at -20 °C under N₂. The mixture was stirred at -10 °C for 3 h. The mixture was quenched by addition of Na₂SO₃ solution (30 mL), and then diluted with DCM (30 mL). The organic layer was washed with Na₂SO₃ solution (30 mL *2), dried over anhydrous Na₂SO₄, filtered and concentrated to obtain a residue. The residue was dissolved in MeOH (15 mL), and then K₂CO₃ (2.05 g, 14.86 mmol, 3 eq) was added and the resulting mixture was stirred at 20 °C for 16 h. The reaction was quenched by addition of water (20 mL), and extracted with EA (30 mL *3), dried by Na₂SO₄, filtered and concentrated to obtain a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=10/1 to 3:1). The crude product was purified by reversed-phase HPLC (0.1% FA condition). 4-bromo-7-(3-bromocyclopentyl)-5-chloro-6-fluoro-1H-indazole (300 mg, 752.91 umol, 15.20% yield) was obtained as a white solid.

[0181] ¹H NMR (400 MHz, DMSO-d₆) δ 13.44 - 13.37 (m, 2H), 8.14 - 8.11 (m, 2H), 5.71 - 5.67 (m, 1H), 5.44 (dt, J = 1.2, 7.5 Hz, 1H), 4.97 (s, 1H), 4.83 - 4.76 (m, 2H), 4.47 (dd, J = 3.7, 10.1 Hz, 1H), 4.22 (dd, J = 5.5, 10.1 Hz, 1H), 4.15 (dd, J = 2.3, 10.6 Hz, 1H), 3.20 - 3.13 (m, 1H), 2.69 - 2.64 (m, 1H), 2.34 - 2.27 (m, 2H); LCMS (electrospray) m/z 398.8 (M+H)+.

[0182] Step 4) 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentyl acetate

[0183] To a mixture of 4-bromo-7-(3-bromocyclopentyl)-5-chloro-6-fluoro-1H-indazole (100 mg, 250.97 μmol , 1 eq) in DMSO (2 mL) was added KOAc (73.89 mg, 752.91 μmol , 3 eq) in one portion at 20 °C under N_2 . The mixture was then heated to 70 °C and stirred for 3 h. The reaction was quenched by addition of water (15 mL), and then extracted with EA (20 mL*3), the combined organic layers were washed with brine (20 mL *2), dried by Na_2SO_4 , filtered and concentrated to give a residue. 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentyl acetate (100 mg, crude, brown oil) was used directly in the next step without further purification.

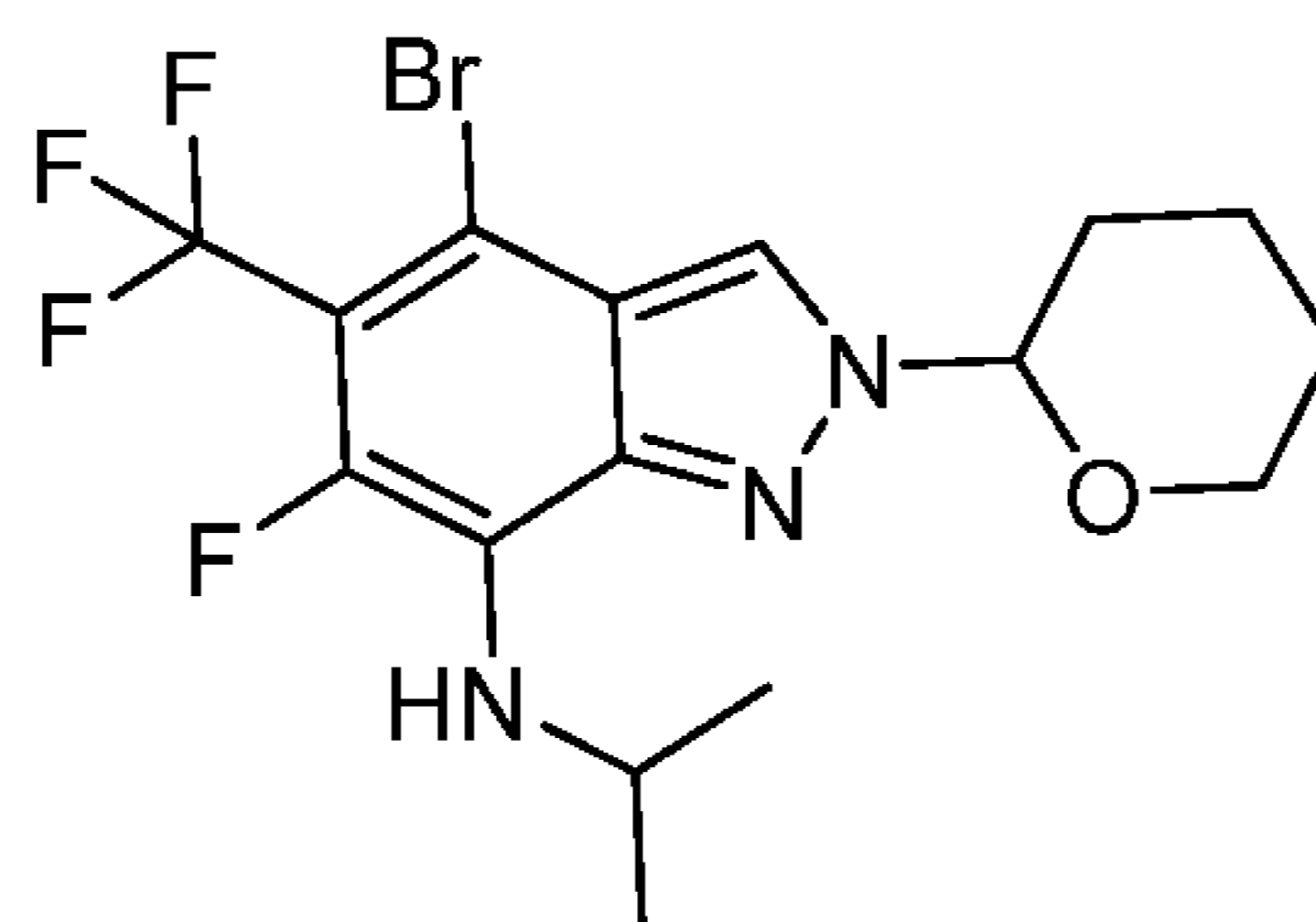
[0184] LCMS (electrospray) m/z 378.8 (M+H)+.

[0185] Step 5) 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentan-1-ol

[0186] To a mixture of 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentyl acetate (80 mg, 211.87 μmol , 1 eq) in MeOH (4 mL) and H_2O (0.8 mL) was added K_2CO_3 (442.15 mg, 3.20 mmol, 15.1 eq) in one portion at 20 °C under N_2 . The mixture was stirred at 20 °C for 2 h. The reaction mixture was quenched by addition of water (15 mL) at 20 °C, and then extracted with ethyl acetate (20 mL * 3). The combined organic layers were washed with brine (20 mL * 1), dried over Na_2SO_4 , filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO_2 , Petroleum ether/Ethyl acetate=3/1 to 1/2). 3-(4-bromo-5-chloro-6-fluoro-1H-indazol-7-yl)cyclopentan-1-ol (50 mg, 149.01 μmol , 70.33% yield) was obtained as a white solid.

[0187] LCMS (electrospray) m/z 336.9 (M+H)+.

[0188] Intermediate 1N. 4-bromo-6-fluoro-N-isopropyl-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine



[0189] Step 1) 5-fluoro-2-iodo-4-(trifluoromethyl)aniline

[0190] To a solution of 3-fluoro-4-(trifluoromethyl)aniline (4 g, 22.33 mmol, 1 eq) in MeCN (40 mL) was added NIS (5.53 g, 24.57 mmol, 1.1 eq) at 15 °C, then reaction mixture was stirred at 15 °C for 15 h. The reaction mixture was diluted with H_2O (100 mL) and extracted with EtOAc (100 mL * 3). The combined organic layers were dried over Na_2SO_4 , filtered and concentrated under reduced pressure to give a residue. 5-fluoro-2-iodo-4-(trifluoromethyl)aniline (5.6 g, crude) was obtained as a brown oil.

[0191] LCMS (electrospray) m/z 305.9 (M+H)+.

[0192] Step 2) 5-fluoro-2-methyl-4-(trifluoromethyl)aniline

[0193] To a solution of 5-fluoro-2-iodo-4-(trifluoromethyl)aniline (6.0 g, 19.67 mmol, 1 eq) and 2,4,6-trimethyl-1,3,5,2,4,6-trioxatriborinane (8.82 g, 29.51 mmol, 9.82 mL, 42% purity, 1.5 eq) in DME (60 mL) were added $\text{Pd}(\text{PPh}_3)_4$ (1.14 g, 983.57 μmol , 0.05 eq) and K_2CO_3 (8.16 g, 59.01 mmol, 3 eq) at 15 °C, then reaction mixture was stirred at 100 °C for 60 h. The reaction mixture was concentrated under reduced pressure to afford the residue. The residue was purified by column chromatography (SiO_2 , Petroleum ether/Ethyl acetate=5/1 to 3/1, Petroleum ether/Ethyl acetate=2:1, $R_f=0.3$). 5-fluoro-2-methyl-4-(trifluoromethyl)aniline (1.6 g, 4.06 mmol, 20.64% yield, 49% purity) was obtained as a yellow oil.

[0194] LCMS (electrospray) m/z 194.1.9 (M+H)+.

[0195] Step 3) 6-fluoro-5-(trifluoromethyl)-1H-indazole

[0196] To a solution of 5-fluoro-2-methyl-4-(trifluoromethyl)aniline (1 g, 5.18 mmol, 1 eq) in AcOH (15 mL) were added NaNO_2 (357.25 mg, 5.18 mmol, 1 eq) and H_2O (3 mL) at 0 °C, then the reaction mixture was stirred at 15 °C for 2 h. The reaction was quenched by addition of H_2O (60 mL) at 20 °C and the resulting mixture was extracted with EtOAc (50 mL * 3). The combined organic layers were washed with H_2O (50 mL * 3), dried over Na_2SO_4 , filtered and concentrated under reduced pressure to give a

residue. Residue was purified by column (SiO₂, Petroleum ether/Ethyl acetate=10/1 to 5/1, Petroleum ether/Ethyl acetate=3:1, Rf=0.5). 6-fluoro-5-(trifluoromethyl)-1H-indazole (500 mg, 2.45 mmol, 47.31% yield) was obtained as a yellow solid.

[0197] LCMS (electrospray) m/z 205.2 (M+H)+.

5 [0198] Step 4) 6-fluoro-7-nitro-5-(trifluoromethyl)-1H-indazole

[0199] To a solution of 6-fluoro-5-(trifluoromethyl)-1H-indazole (500 mg, 2.45 mmol, 1 eq) in H₂SO₄ (5 mL, 95% purity) was added KNO₃ (249 mg, 2.46 mmol, 1.01 eq) at 0 °C, then the reaction mixture was stirred at 15 °C for 15 hr. The reaction mixture was diluted with water (100 mL) and extracted with Ethyl acetate (50 mL * 2). The combined organic layers were treated with saturated sodium bicarbonate solution until pH =7, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 6-fluoro-7-nitro-5-(trifluoromethyl)-1H-indazole (500 mg) was obtained as a yellow solid.

10 [0200] LCMS (electrospray) m/z 250.2 (M+H)+.

[0201] Step 5) 6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazole

15 [0202] To a solution of 6-fluoro-7-nitro-5-(trifluoromethyl)-1H-indazole (500 mg, 2.01 mmol, 1 eq) in THF (10 mL) was added PPTS (50.44 mg, 200.71 umol, 0.1 eq) and DHP (844.13 mg, 10.04 mmol, 917.53 uL, 5 eq) at 0 °C, then the reaction mixture was stirred at 60 °C for 15 hr. The reaction mixture was diluted with solvent H₂O (50 mL) and extracted with EtOAc (50 mL * 3). The combined organic layers were washed with H₂O (50 mL * 3), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazole (1 g, crude) was obtained as yellow oil.

[0203] Step 6) 6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine

25 [0204] To a solution of 6-fluoro-7-nitro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazole (800 mg, 2.40 mmol, 1 eq) and H₂O (2 mL) in EtOH (10 mL) was added NH₄Cl (642.08 mg, 12.00 mmol, 5 eq) and Fe (268.13 mg, 4.80 mmol, 2 eq) at 0 °C, then the reaction mixture was stirred at 60 °C for 1 hr. The reaction mixture was diluted with H₂O (20 mL) and extracted with EtOAc (20 mL * 3). The combined organic layers were washed with H₂O (30 mL * 2), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=10/1 to 5/1, Petroleum ether:Ethyl acetate=3:1, Rf=0.3). 6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine (500 mg, 1.65 mmol, 68.68% yield) was obtained as a yellow solid

30 [0205] LCMS (electrospray) m/z 220.2 (M+H)+.

[0206] Step 7) 4-bromo-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine

35 [0207] To a solution of 6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine (200 mg, 659.51 umol, 1 eq) in DMF (1 mL) was added NBS (129.12 mg, 725.46 umol, 1.1 eq) at 20 °C, then the reaction mixture was stirred at 20 °C for 2 hr. The reaction mixture was diluted with H₂O (10 mL) and extracted with EtOAc (10 mL * 3). The combined organic layers were washed with H₂O (10 mL * 2), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 4-bromo-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine (120 mg, crude) was obtained as a yellow solid.

40 [0208] LCMS (electrospray) m/z 297.9 (M+H)+.

[0209] Step 8) 4-bromo-6-fluoro-N-isopropyl-5-(trifluoromethyl)-1H-indazol-7-amine

45 [0210] To a solution of 4-bromo-6-fluoro-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine (100 mg, 335.53 umol, 1 eq) in MeOH (1 mL) were added AcOH (40.30 mg, 671.06 umol, 38.38 uL, 2 eq) and acetone (97.44 mg, 1.68 mmol, 123.34 uL, 5 eq) at 20 °C, NaBH₃CN (105.42 mg, 1.68 mmol, 5 eq) was then added and the reaction mixture was stirred at 20 °C for 2 hr. After then, acetone (97.44 mg, 1.68 mmol, 123.34 uL, 5 eq), NaBH₃CN (105.43 mg, 1.68 mmol, 5 eq) and AcOH (60.45 mg, 1.01 mmol, 57.57 uL, 3 eq) were added to the mixture and the reaction mixture was stirred at

20 °C for 20 hr. The reaction mixture was diluted with H₂O (10 mL) and extracted with EtOAc (10 mL * 3). The combined organic layers were washed with H₂O (10 mL * 2), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-TLC (Petroleum ether:Ethyl acetate=3:1, R_f=0.4). 4-bromo-6-fluoro-N-isopropyl-5-(trifluoromethyl)-1H-indazol-7-amine (60 mg, 165.83 umol, 49.42% yield, 94% purity) was obtained as a white solid.

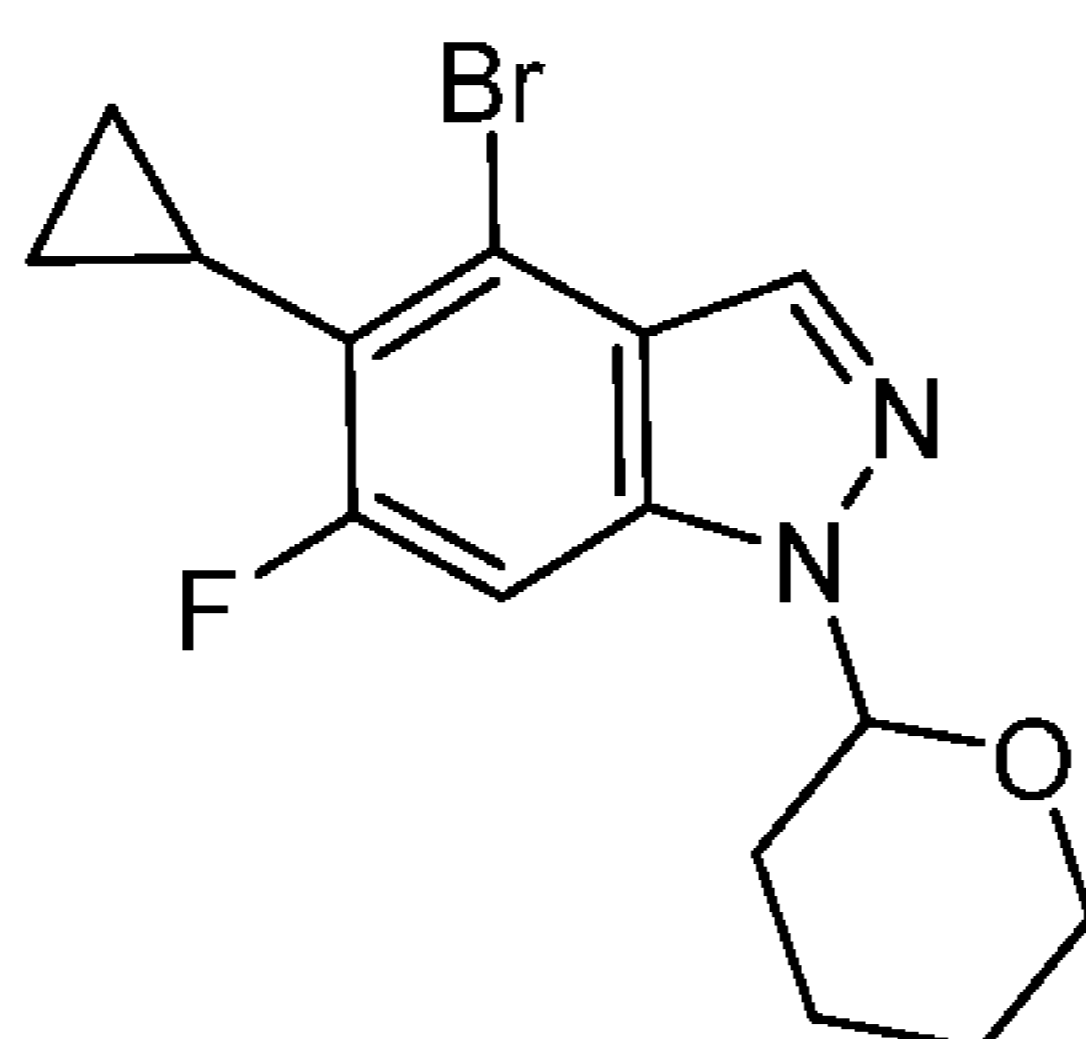
[0211] LCMS (electrospray) m/z 340.1 (M+H)+.

[0212] Step 9) 4-bromo-6-fluoro-N-isopropyl-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine

[0213] To a solution of 4-bromo-6-fluoro-N-isopropyl-5-(trifluoromethyl)-1H-indazol-7-amine (50 mg, 147.01 umol, 1 eq) in THF (1 mL) were added PPTS (3.69 mg, 14.70 umol, 0.1 eq) and DHP (61.83 mg, 735.05 umol, 67.21 uL, 5 eq) at 0 °C, then the reaction mixture was stirred at 60 °C for 2 hr. The reaction mixture was diluted with H₂O (50 mL) and extracted with EtOAc (50 mL * 3). The combined organic layers were washed with H₂O (50 mL * 3), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. Residue was purified by prep-TLC (Petroleum ether:Ethyl acetate=5:1, R_f=0.6). 4-bromo-6-fluoro-N-isopropyl-2-(tetrahydro-2H-pyran-2-yl)-5-(trifluoromethyl)-2H-indazol-7-amine (50 mg, 117.86 umol, 80.17% yield) was obtained as a yellow oil.

[0214] LCMS (electrospray) m/z 424.1 (M+H)+.

[0215] Intermediate 10. 4-bromo-5-cyclopropyl-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole



[0216] Step 1) 3-bromo-5-fluoro-2-methylaniline

[0217] To a mixture of 1-bromo-5-fluoro-2-methyl-3-nitrobenzene (23 g, 98.28 mmol, 1 eq) in EtOH (80 mL) and H₂O (80 mL) was added Fe (27.44 g, 491.41 mmol, 5 eq) and NH₄Cl (26.29 g, 491.41 mmol, 5 eq). The mixture was stirred at 100 °C for 3 h. The mixture was filtered and the filtrate was concentrated at reduced pressure to remove EtOH. The resulting mixture was extracted with DCM (50 mL*3). The combined organic phase was washed with brine (50 mL*2), dried over Na₂SO₄, filtered and concentrated at reduced pressure to give a residue to give 3-bromo-5-fluoro-2-methylaniline (20.6 g, crude) as yellow liquid.

[0218] ¹H NMR (400MHz, DMSO-d₆) δ 6.59 (br d, J=8.4 Hz, 1H), 6.42 (br d, J=11.2 Hz, 1H), 5.51 (br s, 2H), 2.09 (s, 3H).

[0219] Step 2) 3-bromo-5-fluoro-4-iodo-2-methylaniline

[0220] To a mixture of 3-bromo-5-fluoro-2-methylaniline (18 g, 88.22 mmol, 1 eq) (crude) in CH₃CN (150 mL) was added NIS (19.85 g, 88.22 mmol, 1 eq) in portions at 0 °C. The mixture was stirred at 30 °C for 3 h. After 3 h, LCMS showed compound 2 was remained and desired mass was detected, too. Then the mixture was stirred at 30 °C for another 12 h. LCMS showed there was no compound 2 remained and one main peak with desired mass was detected. The mixture was quenched with saturated Na₂SO₃ (200 mL) and the resulting mixture was extracted with EtOAc (50 mL*3). The combined organic phase was washed with brine (50 mL*2), dried over Na₂SO₄, filtered and concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (1000 mesh silica gel, Petroleum ether/Ethyl acetate=50/1, 30/1; TLC (Petroleum ether : Ethyl acetate=10:1; R_f=0.28)) to give 3-bromo-5-fluoro-4-iodo-2-methylaniline (22 g, 66.68 mmol, 75.58% yield) as brown solid.

[0221] ¹H NMR (400MHz, DMSO-d₆) δ 6.55 (d, J=10.5 Hz, 1H), 5.67 (s, 2H), 2.25 (d, J=0.8 Hz, 3H).

[0222] Step 3) 4-bromo-6-fluoro-5-iodo-1H-indazole

[0223] To a mixture of 3-bromo-5-fluoro-4-iodo-2-methylaniline (22 g, 66.68 mmol, 1 *eq*) in CH₃COOH (200 mL) was added NaNO₂ (5.52 g, 80.02 mmol, 1.2 *eq*) which was dissolved water (40 mL) at 0 °C. The mixture was stirred at 30 °C for 16 h. The mixture was poured into saturated NaHCO₃ (1000 mL) and the resulting mixture was extracted with EtOAc (200 mL*3). The combined organic phase was washed with brine (100 mL*2), dried over Na₂SO₄, filtered and concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (1000 mesh silica gel, Petroleum ether/Ethyl acetate=15/1, 5/1) to give 4-bromo-6-fluoro-5-iodo-1H-indazole (7.5 g, 22.00 mmol, 32.99% yield) as brown solid.

[0224] ¹H NMR (400MHz, DMSO-d₆) δ 13.58 (br s, 1H), 8.00 (s, 1H), 7.51 (d, J=8.1 Hz, 1H), 3.32 (s, 1H).

[0225] Step 4) 4-bromo-6-fluoro-5-iodo-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0226] To a mixture of 4-bromo-6-fluoro-5-iodo-1H-indazole (7.5 g, 22.00 mmol, 1 *eq*) and 4-methylbenzenesulfonic acid;hydrate (418.47 mg, 2.20 mmol, 0.1 *eq*) in DCM (100 mL) was added DHP (5.55 g, 66.00 mmol, 6.03 mL, 3 *eq*) slowly. The mixture was stirred at 30 °C for 1 h. The mixture was washed with saturated NaHCO₃ (30 mL*3) and brine (30 mL*3). The organic phase was dried over Na₂SO₄, filtered and concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (1000 mesh silica gel, Petroleum ether/Ethyl acetate=100/1, 50/1) to give 4-bromo-6-fluoro-5-iodo-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (7.4 g, 17.41 mmol, 79.14% yield) as yellow solid.

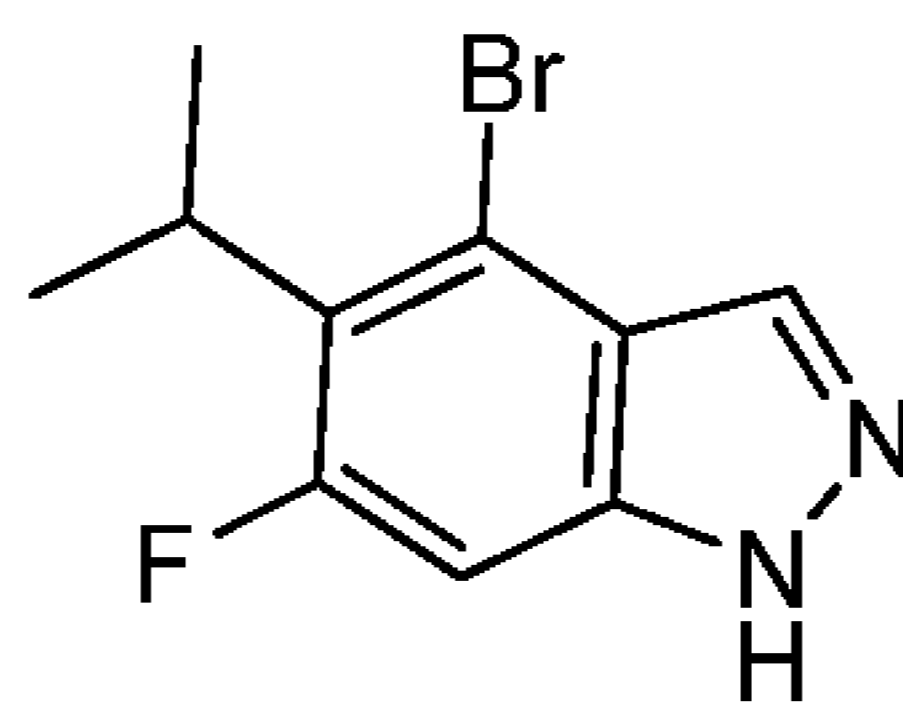
[0227] ¹H NMR (400MHz, DMSO-d₆) δ 8.06 (s, 1H), 7.80 (dd, J=0.7, 8.4 Hz, 1H), 5.83 (dd, J=2.4, 9.6 Hz, 1H), 3.88 - 3.85 (m, 1H), 3.80 - 3.70 (m, 2H), 2.40 - 2.27 (m, 1H), 2.07 - 1.94 (m, 2H), 1.81 - 1.63 (m, 2H), 1.62 - 1.53 (m, 2H).

[0228] Step 5) 4-bromo-5-cyclopropyl-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0229] To a mixture of 4-bromo-6-fluoro-5-iodo-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (1.5 g, 3.53 mmol, 1 *eq*) and cyclopropylboronic acid (303.14 mg, 3.53 mmol, 1 *eq*) in dioxane (10 mL) and H₂O (2.5 mL) was added Na₂CO₃ (748.10 mg, 7.06 mmol, 2 *eq*) and Pd(dppf)Cl₂ (258.23 mg, 352.91 umol, 0.1 *eq*) under N₂. The mixture was stirred at 80 °C for 16 h. The mixture was concentrated at reduced pressure to give a residue. The residue was purified by prep-TLC (Petroleum ether : Ethyl acetate=20:1) to give 4-bromo-5-cyclopropyl-6-fluoro-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.21 g, 619.10 umol, 17.54% yield) as colorless oil.

[0230] ¹H NMR (400MHz, CDCl₃) δ 7.98 (d, J=0.6 Hz, 1H), 7.20 (d, J=10.4 Hz, 1H), 5.61 (dd, J=2.8, 9.1 Hz, 1H), 4.03 - 3.94 (m, 1H), 3.76-3.69 (m, 1H), 2.55 - 2.42 (m, 1H), 2.19 - 2.06 (m, 2H), 1.91-1.86 (m, 1H), 1.81 - 1.64 (m, 3H), 1.12 - 1.05 (m, 2H), 0.87 - 0.81 (m, 2H).

[0231] Intermediate 1P. 4-bromo-6-fluoro-5-isopropyl-1H-indazole



[0232] Step 1) 4-bromo-6-fluoro-5-(prop-1-en-2-yl)-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

[0233] To a mixture of 4-bromo-6-fluoro-5-iodo-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (1.5 g, 3.53 mmol, 1 *eq*) and potassium;trifluoro(isopropenyl)boranuide (626.67 mg, 4.23 mmol, 1.2 *eq*) in dioxane (10 mL) and H₂O (2 mL) was added Pd(dppf)Cl₂ (258.23 mg, 352.91 umol, 0.1 *eq*) and Na₂CO₃ (748.10 mg, 7.06 mmol, 2 *eq*) under N₂. The mixture was stirred at 80 °C for 16 h. The mixture was concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (1000 mesh silica gel, Petroleum ether/Ethyl acetate=100/1, 50/1; TLC(Petroleum ether : Ethyl acetate=10:1; R_f=0.61)) to give 0.9 g of yellow oil. This oil was purified by prep-TLC(Petroleum ether : Ethyl acetate=20:1) to give 4-bromo-6-fluoro-5-(prop-1-en-2-yl)-1-(tetrahydro-2H-pyran-2-yl)-1H-

indazole (0.55 g, 1.62 mmol, 45.94% yield) as yellow oil.

[0234] ¹H NMR (400MHz, CDCl₃) δ 8.00 (d, *J*=0.6 Hz, 1H), 7.28 (d, *J*=0.9 Hz, 0.5H), 7.26 (d, *J*=0.7 Hz, 0.5H), 5.64 (dd, *J*=2.8, 9.0 Hz, 1H), 5.46 (t, *J*=1.6 Hz, 1H), 5.01 (s, 1H), 4.05 - 3.97 (m, 1H), 3.80 - 3.69 (m, 1H), 2.57 - 2.42 (m, 1H), 2.19 - 2.09 (m, 2H), 2.07 (s, 3H), 1.81 - 1.66 (m, 4H).

5 [0235] Step 2) 4-bromo-6-fluoro-5-isopropyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole

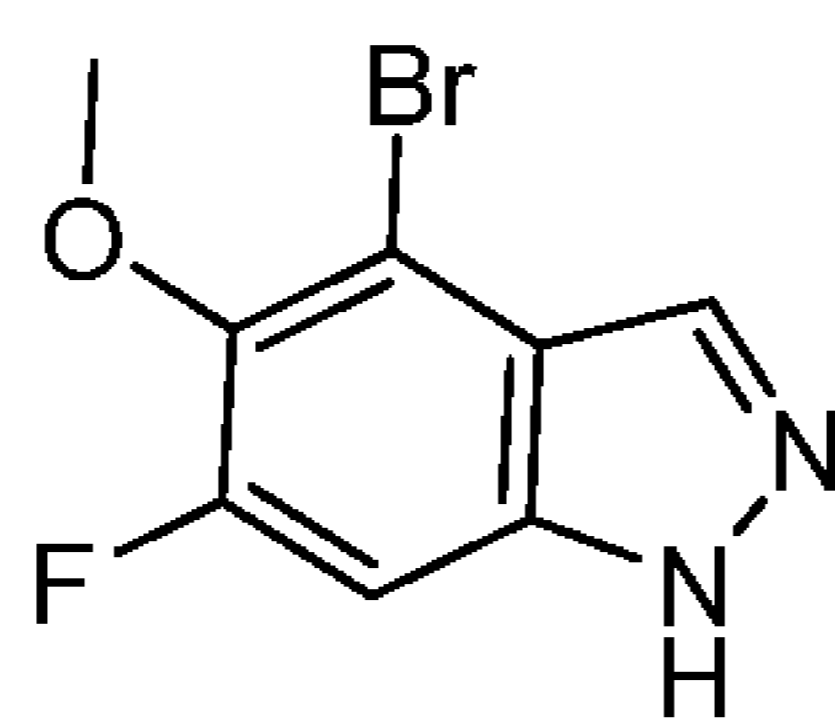
[0236] To a solution of 4-bromo-6-fluoro-5-(prop-1-en-2-yl)-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.4 g, 1.18 mmol, 1 *eq*) in MeOH (10 mL) was added PtO₂ under N₂. The suspension was degassed under vacuum and purged with H₂ several times. The mixture was stirred under H₂ (15 Psi) at 30 °C for 2.5 h. The mixture was filtered and the filtrate was concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (300-400 mesh silica gel, Petroleum ether/Ethyl acetate=50/1) to give 4-bromo-6-fluoro-5-isopropyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.3 g, 879.20 μmol, 74.56% yield) as colorless oil.

[0237] Step 3) 4-bromo-6-fluoro-5-isopropyl-1H-indazole

15 [0238] To a solution of 4-bromo-6-fluoro-5-isopropyl-1-(tetrahydro-2H-pyran-2-yl)-1H-indazole (0.3 g, 879.20 μmol, 1 *eq*) in DCM (1 mL) was added TFA (2.30 g, 20.14 mmol, 1.49 mL, 22.91 *eq*). The mixture was stirred at 30 °C for 0.5 h. The mixture was concentrated at reduced pressure to give a residue. The residue was diluted with DCM (10 mL) and the resulting mixture was adjusted pH to about 8 with TEA. The mixture was concentrated at reduced pressure to give a residue. The residue was purified by silica gel chromatography (300-400 mesh silica gel, Petroleum ether/Ethyl acetate=30/1, 5/1) to give 4-bromo-6-fluoro-5-isopropyl-1H-indazole (0.2 g, 777.90 μmol, 88.48% yield) as colorless oil.

20 [0239] ¹H NMR (400MHz, CDCl₃) δ 8.04 (s, 1H), 7.11 (d, *J*=11.2 Hz, 1H), 3.75 - 3.63 (m, 1H), 1.38 (dd, *J*=1.7, 7.1 Hz, 6H).

[0240] Intermediate 1Q. 4-bromo-6-fluoro-5-methoxy-1H-indazole



25 [0241] Step 1) 2-bromo-4-fluoro-3-methoxy-1-methylbenzene

To a solution of 2-bromo-6-fluoro-3-methylphenol (4.8 g, 23.41 mmol, 1 *eq*) in acetone (50 mL) were added K₂CO₃ (6.47 g, 46.82 mmol, 2 *eq*) and iodomethane (9.97 g, 70.24 mmol, 4.37 mL, 3 *eq*), and the mixture was stirred at 25 °C for 1 hour. The reaction mixture was concentrated to give a residue. The residue was dissolved in ethyl acetate (50 mL), and the mixture was filtered, and the filtrate was concentrated to give a residue (4.6 g, 21.00 mmol, 89.70% yield) as a yellow oil.

30 [0242] ¹H NMR (400MHz, CHLOROFORM-d) δ 7.05 - 6.85 (m, 2H), 3.95 (d, *J*=1.2 Hz, 3H), 2.38 (s, 3H).

[0243] Step 2) 3-bromo-1-fluoro-2-methoxy-4-methyl-5-nitrobenzene

35 [0244] To a solution of 2-bromo-4-fluoro-3-methoxy-1-methylbenzene (4.4 g, 20.09 mmol, 1 *eq*) in H₂SO₄ (40 mL) (98%) was added KNO₃ (2.23 g, 22.10 mmol, 1.1 *eq*) in portions at 0 °C, and the mixture was stirred at 25 °C for 1 hour. The reaction mixture was poured slowly into ice water (200 mL), then the mixture was extracted with ethyl acetate (200 mL*2), the combined organic layers were dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 3-bromo-1-fluoro-2-methoxy-4-methyl-5-nitrobenzene (4.6 g, crude) was obtained as a brown oil.

40 [0245] ¹H NMR (400MHz, CHLOROFORM-d) δ 7.70 (d, *J*=10.9 Hz, 1H), 4.08 (d, *J*=2.7 Hz, 3H), 2.61 (d, *J*=1.1 Hz, 3H).

[0246] Step 3) 3-bromo-5-fluoro-4-methoxy-2-methylaniline

45 [0247] To a solution of 3-bromo-1-fluoro-2-methoxy-4-methyl-5-nitrobenzene (4.6 g, 17.42 mmol, 1 *eq*) in EtOH (30 mL) and H₂O (30 mL) were added Fe (5.84 g, 104.53 mmol, 6 *eq*) and NH₄Cl (5.59 g, 104.53 mmol, 6 *eq*), and the mixture was stirred at 80 °C for 2 hours. The reaction mixture was

filtered, and the filtrate was concentrated to remove EtOH, then the mixture was diluted with EA (50 mL), and the mixture was washed with water (20 mL*2), after then the organic layer was dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. 3-bromo-5-fluoro-4-methoxy-2-methylaniline (3.5 g, crude) was obtained as a brown oil.

5 [0248] ¹H NMR (400MHz, CHLOROFORM-d) δ 6.44 (d, *J*=11.9 Hz, 1H), 3.83 (s, 3H), 3.76 - 3.48 (m, 2H), 2.24 (d, *J*=1.0 Hz, 3H).

[0249] Step 4) 4-bromo-6-fluoro-5-methoxy-1H-indazole

[0250] To a mixture of 3-bromo-5-fluoro-4-methoxy-2-methylaniline (3.5 g, 14.95 mmol, 1 *eq*) (crude) in AcOH (20 mL) was added a solution of NaNO₂ (1.24 g, 17.94 mmol, 1.2 *eq*) in H₂O (4 mL) dropwise at 0 °C, then the mixture was stirred at 25 °C for 12 hr. The reaction mixture was diluted with ice water (100 mL), and the mixture was adjusted to pH 7 by using KOH, then the mixture was extracted with EA (100 mL*2), the combined organic layers were washed with brine (50 mL*2), dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (SiO₂, Petroleum ether/Ethyl acetate=20/1 to 15:1). 4-bromo-6-fluoro-5-methoxy-1H-indazole (600 mg, 2.45 mmol, 16.37% yield) was obtained as a brown solid.

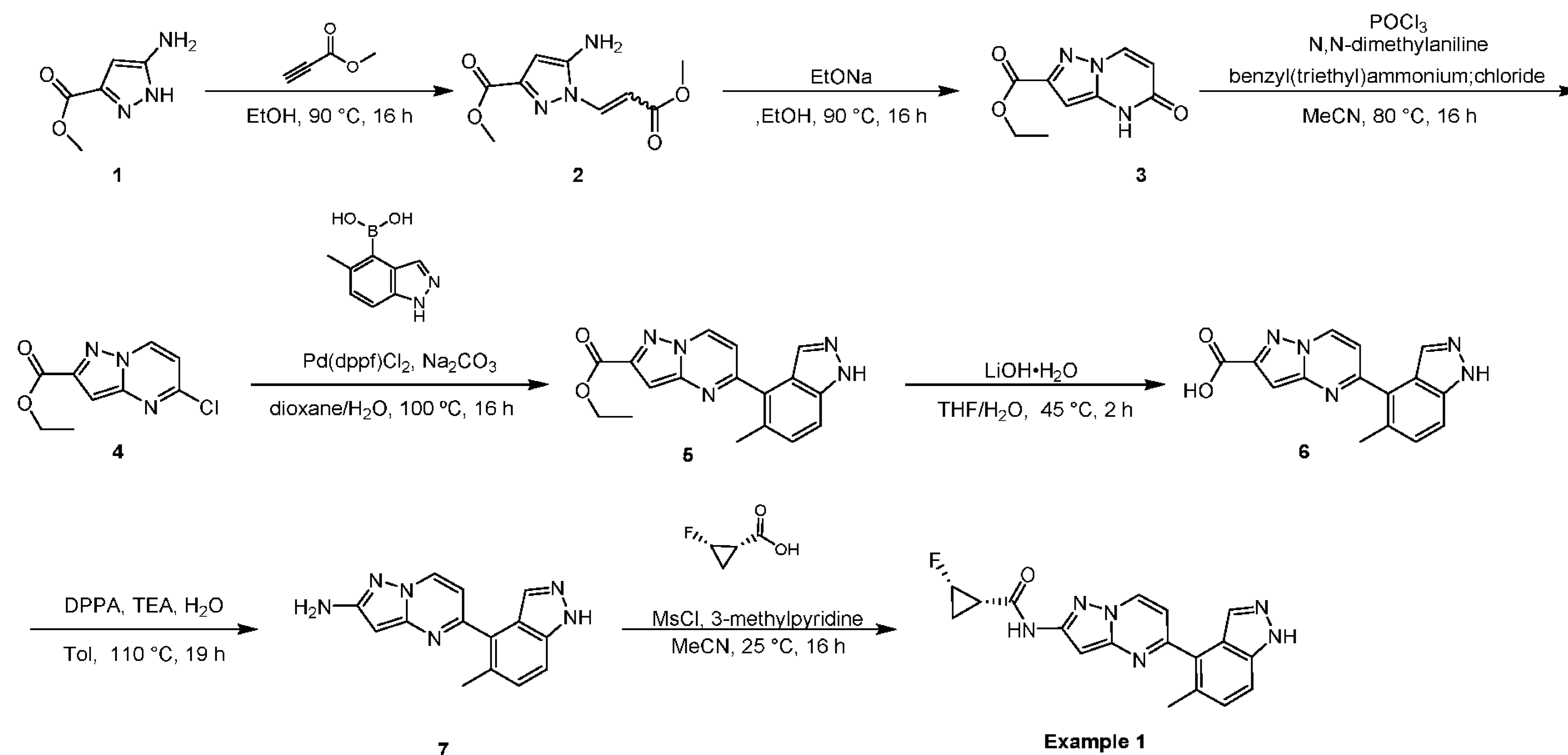
15 [0251] ¹H NMR (400MHz, DMSO-d₆) δ 13.44 (br s, 1H), 8.00 (s, 1H), 7.52 (br d, *J*=10.4 Hz, 1H), 3.84 (s, 3H).

[0252] **Synthesis of Formula (I) Compounds**

Synthetic methods A to F were used to prepare the compounds of the following. Below, the illustrating synthetic examples of some compounds of the present disclosure are described, and other compounds can be prepared by the similar method to the one described below with different starting or reacting materials

[0253] **Synthetic Method A**

[0254] Example 1. (1S,2S)-2-fluoro-N-(5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-a]pyrimidin-2-yl)cyclopropane-1-carboxamide



25

[0255] Step 1) methyl 5-amino-1-(3-methoxy-3-oxoprop-1-en-1-yl)-1H-pyrazole-3-carboxylate

[0256] To a solution of **Compound 1** (9.1 g, 64.48 mmol, 1 *eq*) in EtOH (700 mL) was added methyl propiolate (27.11 g, 322.40 mmol, 26.84 mL, 5 *eq*). The mixture was stirred at 90 °C for 16 hr. The reaction mixture was concentrated under reduced pressure until all solid precipitated out, filtered and concentrated under reduced pressure to give a crude product. **Compound 2** (7.8 g, crude) was obtained as a yellow solid.

[0257] ¹H NMR (400 MHz, DMSO-d₆) δ 8.09 (d, *J* = 14.8 Hz, 1H), 7.05 (s, 1H), 6.68 (br s, 2H), 6.63 (d, *J* = 14.8 Hz, 1H), 3.88 (s, 3H), 3.76 (s, 3H).

[0258] Step 2) ethyl 5-oxo-4,5-dihydropyrazolo[1,5-a]pyrimidine-2-carboxylate

[0259] **Compound 2** (3.9 g, 17.32 mmol, 1 eq) in EtOH (15 mL) was added EtONa (1.77 g, 25.98 mmol, 1.5 eq). The mixture was stirred at 90 °C for 16 hr. The reaction mixture was concentrated under reduced pressure to give a residue. The residue was diluted with water 200 mL and extracted with Ethyl acetate (200 mL* 2). The water layer was filtered and the obtained filter cake was concentrated under reduced pressure to give **Compound 3** (5.4 g, crude) as a yellow solid.

[0260] ¹H NMR (400 MHz, DMSO-*d*₆) δ 12.62 (br s, 1H), 7.99 (d, J = 7.5 Hz, 1H), 6.58 (s, 1H), 5.82 (d, J = 7.5 Hz, 1H), 4.35 (q, J = 7.1 Hz, 2H), 1.34 (t, J = 7.2 Hz, 3H).

[0261] Step 3) ethyl 5-chloropyrazolo[1,5-*a*]pyrimidine-2-carboxylate

[0262] To a solution of **Compound 3** (1 g, 4.83 mmol, 1 eq) in MeCN (5 mL) were added *N,N*-dimethylaniline (1.17 g, 9.65 mmol, 1.22 mL, 2 eq), benzyl(triethyl) ammonium;chloride (5.50 g, 24.13 mmol, 5 eq) and POCl₃ (7.40 g, 48.27 mmol, 4.49 mL, 10 eq) under N₂ atmosphere. The reaction mixture was stirred at 100 °C for 16 hr under N₂ atmosphere. The reaction mixture was concentrated under reduced pressure. The residue was quenched by water (100mL) and treated with saturated sodium bicarbonate solution until pH =7. Then the mixture was extracted with Ethyl acetate (100 mL * 2). The combined organic layers were washed with brine 100 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (silical gel, Petroleum ether: Ethyl acetate=1:0 to 1:1). **Compound 4** (900 mg, 3.99 mmol, 82.64% yield) was obtained as a yellow solid.

[0263] ¹H NMR (400 MHz, DMSO-*d*₆) δ 8.63 (d, J = 4.5 Hz, 1H), 7.61 (d, J = 4.5 Hz, 1H), 7.36 (s, 1H), 4.40 (d, J = 7.1 Hz, 2H), 1.36 (t, J = 7.1 Hz, 3H).

[0264] Step 4) ethyl 5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-*a*]pyrimidine-2-carboxylate

[0265] To a mixture of **Compound 4** (900 mg, 3.99 mmol, 1 eq), (5-methyl-1H-indazol-4-yl)boronic acid (701.95 mg, 3.99 mmol, 1 eq) and Na₂CO₃ (845.55 mg, 7.98 mmol, 2 eq) in dioxane (5 mL) and H₂O (1 mL) was added Pd(dppf)Cl₂ (145.93 mg, 199.44 μmol, 0.05 eq) under N₂ atmosphere. The mixture was stirred at 80 °C for 16 hr under N₂ atmosphere. The reaction mixture was diluted with water 100 mL and extracted with Ethyl acetate (50mL * 2). The combined organic layers were washed with brine 50 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (silical gel, Petroleum ether: Ethyl acetate=1:0 to 0:1). **Compound 5** (450 mg, 1.40 mmol, 35.10% yield) was obtained as a yellow solid).

[0266] ¹H NMR (400 MHz, DMSO-*d*₆) δ 13.28 (s, 1H), 8.81 - 8.78 (m, 1H), 7.71 (d, J = 8.5 Hz, 1H), 7.66 (s, 1H), 7.44 (d, J = 8.5 Hz, 1H), 7.34 (d, J = 4.1 Hz, 1H), 7.31 (s, 1H), 4.30 (q, J = 7.1 Hz, 2H), 2.14 (s, 3H), 1.27 (t, J = 7.1 Hz, 3H).

[0267] Step 5) 5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-*a*]pyrimidine-2-carboxylic acid

[0268] To a solution of **Compound 5** (450 mg, 1.40 mmol, 1 eq) in THF (5 mL) and H₂O (5 mL) was added LiOH·H₂O (117.53 mg, 2.80 mmol, 2 eq). The mixture was stirred at 45 °C for 2 hr. The reaction mixture was diluted with water 100 mL and extracted with Ethyl acetate (100mL * 2). The combined water layers were treated with HCl (1M) until pH 4, stirred until all solid was precipitated out, filtered and concentrated under reduced pressure to give a residue. **Compound 6** (330 mg, crude) was obtained as a yellow solid.

[0269] ¹H NMR (400 MHz, DMSO-*d*₆) δ 13.51 - 13.06 (m, 1H), 8.77 (d, J = 4.2 Hz, 1H), 7.71 (d, J = 8.6 Hz, 1H), 7.66 (d, J = 0.9 Hz, 1H), 7.43 (d, J = 8.7 Hz, 1H), 7.31 (d, J = 4.2 Hz, 1H), 7.24 (s, 1H), 2.14 (s, 3H).

[0270] Step 6) 5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-*a*]pyrimidin-2-amine

[0271] To a solution of **Compound 6** (230 mg, 784.23 μmol, 1 eq) in toluene (2 mL) was added TEA (87.29 mg, 862.66 μmol, 120.07 μL, 1.1 eq) and DPPA (237.40 mg, 862.66 μmol, 186.93 μL, 1.1 eq) under N₂ atmosphere. The mixture was stirred at 110 °C for 16 hr. H₂O (1.00 g, 55.51 mmol, 1 mL, 70.78 eq) was added to the mixture under N₂ atmosphere. The mixture was stirred at 110 °C for 3 hr under N₂ atmosphere. The reaction mixture was diluted with water 50 mL and extracted with Ethyl acetate (50mL *

2). The combined organic layers were washed with brine 50 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-TLC (Petroleum ether: Ethyl acetate=0:1). **Compound 7** (70 mg, 264.87 umol, 33.77% yield) was obtained as a yellow solid.

5 [0272] ¹H NMR (400 MHz, DMSO-*d*₆) δ 13.19 (s, 1H), 8.32 (d, J = 4.3 Hz, 1H), 7.63 - 7.59 (m, 2H), 7.35 (d, J = 8.6 Hz, 1H), 6.71 (d, J = 4.4 Hz, 1H), 5.79 (s, 1H), 5.71 - 5.63 (m, 2H), 2.15 (s, 3H).

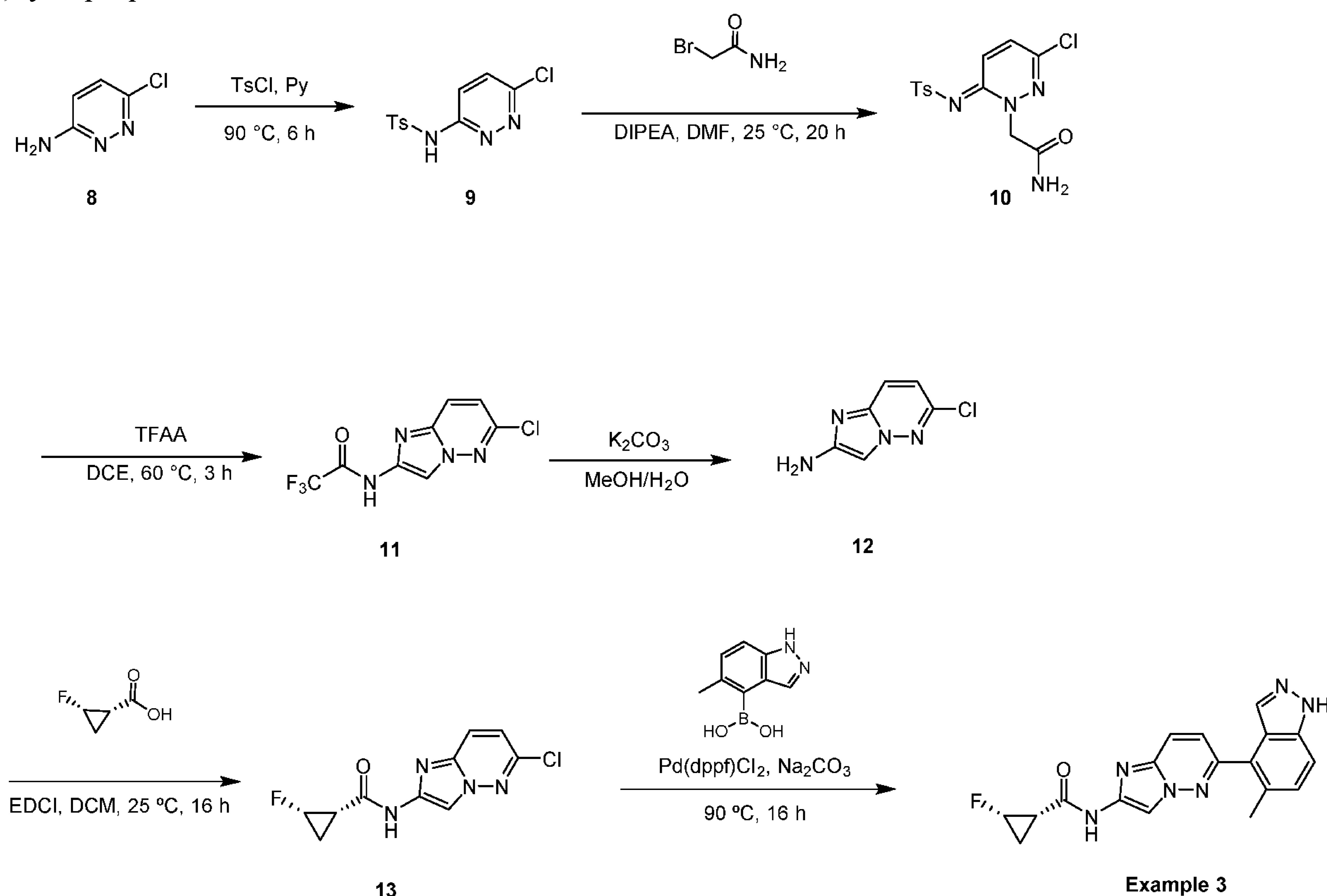
[0273] Step 7) (1*S*,2*S*)-2-fluoro-N-(5-(5-methyl-1*H*-indazol-4-yl)pyrazolo[1,5-*a*]pyrimidin-2-yl)cyclopropane-1-carboxamide

10 [0274] To a solution of **Compound 7** (70 mg, 264.87 umol, 1 eq), (1*S*,2*S*)-2-fluorocyclopropanecarboxylic acid (33.08 mg, 317.84 umol, 1.2 eq) and 3-methylpyridine (123.33 mg, 1.32 mmol, 128.95 uL, 5 eq) in MeCN (2 mL) was added MsCl (45.51 mg, 397.30 umol, 30.75 uL, 1.5 eq) at 0 °C under N₂ atmosphere. The mixture was stirred at 25 °C for 16 hr under N₂ atmosphere. The reaction mixture was added dropwise into water 20 mL and extracted with Ethyl acetate (20 mL * 2). The combined organic layers were washed with brine 20 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-TLC (Petroleum ether: Ethyl acetate=0:1). Then the residue was purified by prep-HPLC (column: Phenomenex luna C18 150*25mm* 10um; mobile phase: [water(0.1%TFA)-ACN]; B%: %-%,10min) and lyophilized. **Example 1** (4.3 mg, 12.27 umol, 4.63% yield, 100% purity) was obtained as a yellow solid.

20 [0275] ¹H NMR (400 MHz, METHANOL-*d*₄) δ 8.57 (d, J = 4.3 Hz, 1H), 7.66 (d, J = 8.6 Hz, 1H), 7.64 (d, J = 2.3 Hz, 1H), 7.44 (d, J = 8.8 Hz, 1H), 7.13 (s, 1H), 7.04 (d, J = 4.3 Hz, 1H), 4.75 - 4.61 (m, 1H), 2.26 (s, 3H), 1.98 - 1.90 (m, 1H), 1.83 - 1.72 (m, 1H), 1.19 - 1.11 (m, 1H).

[0276] **Synthetic Method B**

[0277] Example 3. (1*S*,2*S*)-2-fluoro-N-(6-(5-methyl-1*H*-indazol-4-yl)imidazo[1,2-*b*]pyridazin-2-yl)cyclopropane-1-carboxamide



25

[0278] Step 1) N-(6-chloropyridazin-3-yl)-4-methylbenzenesulfonamide

[0279] To a solution of **Compound 8** (25 g, 192.98 mmol, 1 eq) in pyridine (300 mL) was added TsCl (40.47 g, 212.28 mmol, 1.1 eq), then the mixture was stirred at 90 °C for 6 hr under N₂. Water (100

mL) was poured into the mixture and the mixture was extracted with ethyl acetate (50 mL*3), then the organic phase was dried with anhydrous sodium sulfate (Na₂SO₄), filtered and concentrated in vacuum to obtained **Compound 9** (56.5 g, crude) as a gray solid.

[0280] ¹H NMR (400 MHz, DMSO-*d*₆) δ 8.67 - 8.59 (m, 1H), 7.82 - 7.77 (m, 2H), 7.61 - 7.54 (m, 1H), 7.52 - 7.46 (m, 1H), 7.38 (d, J = 8.3 Hz, 2H), 2.35 (s, 3H).

[0281] Step 2) (E)-2-(3-chloro-6-(tosylimino)pyridazin-1(6H)-yl)acetamide

[0282] To a solution of **Compound 9** (53 g, 186.79 mmol, 1 eq) in DMF (300 mL) was added DIPEA (26.56 g, 205.47 mmol, 35.79 mL, 1.1 eq) and 2-bromoacetamide (28.35 g, 205.47 mmol, 1.1 eq), then the mixture was stirred at 25 °C for 20 hr. Water (1000 mL) was added to the mixture and the mixture was filtered, the filter cake was collected and concentrated under vacuum to give **Compound 10** (40 g, 117.38 mmol, 62.84% yield) as a brown solid.

[0283] ¹H NMR (400 MHz, DMSO-*d*₆) δ 8.00 (d, J = 9.8 Hz, 1H), 7.79 (d, J = 9.8 Hz, 1H), 7.70 (br d, J = 7.1 Hz, 3H), 7.38 (br s, 1H), 7.32 (br d, J = 7.8 Hz, 2H), 4.88 - 4.77 (m, 2H), 2.40 - 2.30 (m, 3H).

[0284] Step 3) N-(6-chloroimidazo[1,2-b]pyridazin-2-yl)-2,2,2-trifluoroacetamide

[0285] To a solution of **Compound 10** (35 g, 102.70 mmol, 1 eq) in DCE (250 mL) was added TFAA (258.85 g, 1.23 mol, 171.43 mL, 12 eq), then the mixture was stirred at 60 °C for 3 hr. Water (1000 mL) was added to the mixture and then adequate NaHCO₃ was added to the mixture to adjust the pH 8, then the mixture was filtered and the filter cake was collected, then extracted with water (500 mL) and ethyl acetate (500 mL), then the organic phase was dried with Na₂SO₄ and concentrated under vacuum to obtained **Compound 11** (21 g, 79.37 mmol, 77.28% yield) as a white solid.

[0286] ¹H NMR (400 MHz, DMSO-*d*₆) δ 12.88 - 12.57 (m, 1H), 8.41 (s, 1H), 8.19 (d, J = 9.4 Hz, 1H), 7.43 (d, J = 9.4 Hz, 1H).

[0287] Step 4) 6-chloroimidazo[1,2-b]pyridazin-2-amine

[0288] To a solution of **Compound 11** (21 g, 79.37 mmol, 1 eq) in MeOH (200 mL) and H₂O (200 mL) was added K₂CO₃ (54.85 g, 396.84 mmol, 5 eq), then the mixture was stirred at 75 °C for 3 hr. Water (100 mL) was poured into the mixture and the mixture was extracted with ethyl acetate (50 mL*3), then the organic phase was dried with Na₂SO₄, filtered and concentrated in vacuum to give **Compound 60** (13.5 g, crude).

[0289] ¹H NMR (400 MHz, DMSO-*d*₆) δ 7.68 (d, J = 9.2 Hz, 1H), 7.36 (s, 1H), 7.03 (d, J = 9.2 Hz, 1H), 5.65 (s, 2H).

[0290] Step 5) (1S,2S)-N-(6-chloroimidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide

[0291] To a solution of **Compound 12** (2 g, 11.86 mmol, 1 eq), (1S,2S)-2-fluorocyclopropanecarboxylic acid (1.56 g, 14.24 mmol, 1.2 eq) in DCM (50 mL) was added EDCI (3.41 g, 17.80 mmol, 1.5 eq), then the mixture was stirred at 25 °C for 16 hr. The mixture was concentrated under vacuum to give a residue. Then water (100 mL) was poured into the mixture and the mixture was extracted with ethyl acetate (50 mL*3), then the organic phase was dried with Na₂SO₄, filtered and concentrated in vacuum to give **Compound 13** (3.8 g, crude) as a white solid.

[0292] ¹H NMR (400 MHz, DMSO-*d*₆) δ 11.37 - 11.22 (m, 1H), 8.32 - 8.23 (m, 1H), 8.07 (d, J = 9.4 Hz, 1H), 7.72 - 7.64 (m, 1H), 5.07 - 4.80 (m, 1H), 2.21 - 2.12 (m, 1H), 1.73 - 1.61 (m, 1H), 1.13 - 1.05 (m, 1H).

[0293] Step 6) (1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide. 2 TFA

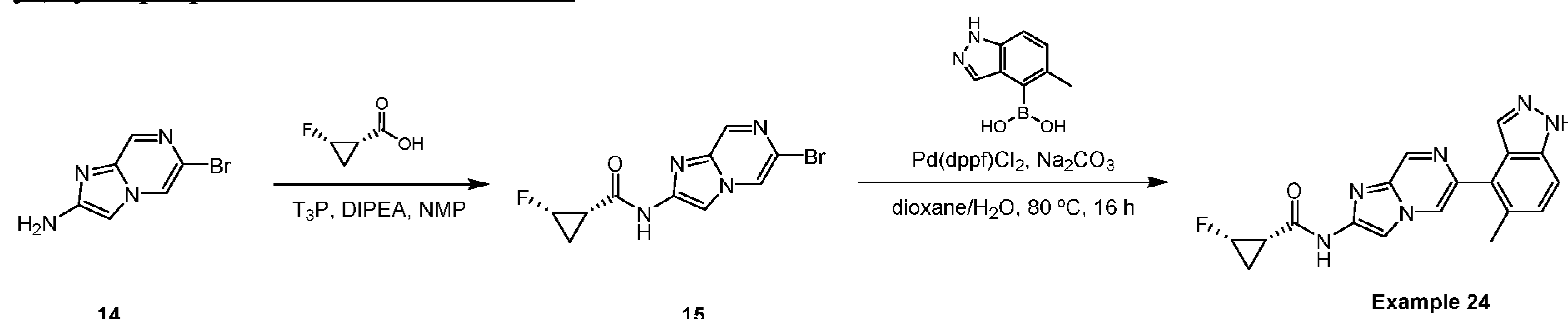
[0294] To a solution of **Compound 13** (170 mg, 667.59 umol, 1 eq), Na₂CO₃ (141.51 mg, 1.34 mmol, 2 eq) in dioxane (6 mL) and H₂O (2 mL) was added (5-methyl-1H-indazol-4-yl)boronic acid (117.48 mg, 667.59 umol, 1 eq) and Pd(dppf)Cl₂ (48.85 mg, 66.76 umol, 0.1 eq), then the mixture was stirred at 90 °C for 16 hr under N₂. The reaction mixture was purified by prep-HPLC (column: Phenomenex luna C18 150*25mm* 10um; mobile phase: [water(0.1%TFA)-ACN]; B%: 19%-49%, 10min) to obtain **Example**

3 (56.8 mg, 93.88 μmol , 14.06% yield, 95.6% purity, 2TFA) as a light yellow solid.

[0295] $^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 11.27 (s, 1H), 8.31 (s, 1H), 8.10 (d, $J = 9.3$ Hz, 1H), 7.84 (d, $J = 0.9$ Hz, 1H), 7.58 (d, $J = 8.4$ Hz, 1H), 7.38 (dd, $J = 8.9, 16.1$ Hz, 2H), 5.08 - 4.82 (m, 1H), 2.38 (s, 3H), 2.23 - 2.14 (m, 1H), 1.77 - 1.62 (m, 1H), 1.23 - 1.12 (m, 1H).

5 **[0296]** **Synthetic Method C**

[0297] Example 24. (1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropanecarboxamide. 2 TFA



[0298] Step 1) (1S,2S)-N-(6-bromoimidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropanecarboxamide

10 **[0299]** To a solution of (1S,2S)-2-fluorocyclopropanecarboxylic acid (537.41 mg, 5.16 mmol, 1.1 eq) and **Compound 14** (1 g, 4.69 mmol, 1 eq) in NMP (20 mL) was added T_3P (2.99 g, 9.39 mmol, 2.79 mL, 2 eq) and DIPEA (1.42 g, 11.03 mmol, 1.92 mL, 2.35 eq). The reaction mixture was stirred at 25 °C for 16 hrs. Water (15 mL) was added and the aqueous phase was extracted with EtOAc (10 mL*2). The combined organic phase was washed with saturated brine (10 mL*2) and concentrated in vacuum. The crude product was purified by reverse flash (MeCN/ H_2O , 0.05% TFA) to give **Compound 15** (750 mg, 2.51 mmol, 53.42% yield) as a light yellow solid.

15 **[0300]** $^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 11.39 (s, 1H), 8.93 (d, $J = 1.2$ Hz, 1H), 8.75 (s, 1H), 8.29 (s, 1H), 5.17 - 4.76 (m, 1H), 2.23 - 2.11 (m, 1H), 1.67 (tdd, $J = 3.3, 6.9, 19.9$ Hz, 1H), 1.25 - 1.13 (m, 1H).

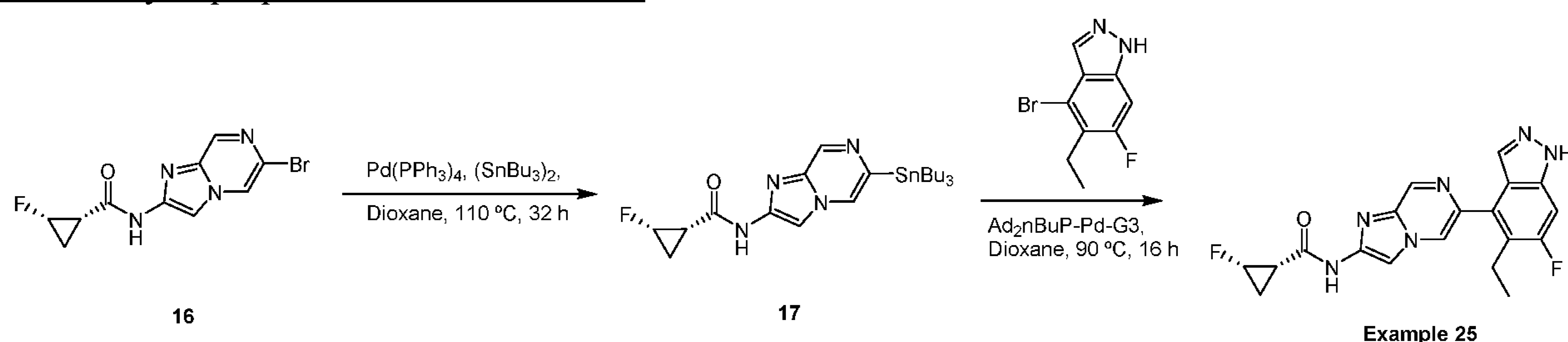
20 **[0301]** Step 2) (1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropanecarboxamide. 2 TFA

25 **[0302]** To a solution of (5-methyl-1H-indazol-4-yl)boronic acid (58.84 mg, 334.34 μmol , 1 eq) in dioxane/ H_2O (3 mL) were added Pd(dppf)Cl_2 (12.23 mg, 16.72 μmol , 0.05 eq), **Compound 15** (100 mg, 334.34 μmol , 1 eq) and Na_2CO_3 (70.87 mg, 668.67 μmol , 2 eq) under N_2 . The mixture was stirred at 90 °C for 3 hrs. Water (10 mL) was added and the aqueous phase was extracted with EtOAc (10 mL*2). The combined organic phase was washed with saturated brine (10 mL*2), and concentrated in vacuum. The crude product was purified by prep-HPLC (column: Phenomenex luna C18 150*25 mm*10 μm ; mobile phase: [water(0.1%TFA)-ACN]; B%: 13%-43%, 10min) to give **Example 24** (38.2 mg, 62.74 μmol , 18.77% yield, 95% purity, 2TFA) as a light yellow solid.

30 **[0303]** $^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 11.48 - 11.28 (m, 1H), 9.06 (s, 1H), 8.83 (d, $J = 1.3$ Hz, 1H), 8.36 (s, 1H), 7.91 (d, $J = 0.9$ Hz, 1H), 7.52 (d, $J = 8.3$ Hz, 1H), 7.33 (d, $J = 8.6$ Hz, 1H), 5.15 - 4.79 (m, 1H), 2.43 - 2.35 (m, 3H), 2.26 - 2.14 (m, 1H), 1.78 - 1.62 (m, 1H), 1.37 - 1.06 (m, 1H).

[0304] **Synthetic Method D**

35 **[0305]** Example 25. (1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropanecarboxamide. 2 TFA



[0306] Step 1) (1S,2S)-2-fluoro-N-(6-(tributylstannyl)imidazo[1,2-a]pyrazin-2-yl)cyclopropanecarboxamide

[0307] To a solution of tributyl(tributylstannyl)stannane (1.16 g, 2.01 mmol, 1.00 mL, 3 eq) and **Compound 16** (200 mg, 668.67 μ mol, 1 eq) in dioxane (3 mL) was added Pd(PPh₃)₄ (38.63 mg, 33.43 μ mol, 0.05 eq) and TBAI (246.99 mg, 668.67 μ mol, 1 eq) under N₂. The reaction mixture was stirred at 110 °C for 32 hrs. The reaction was filtered and the filtrate was concentrated to give product. The crude product was purified by prep-TLC (Petroleum ether: Ethyl acetate=1:1) to give **Compound 17** (130 mg, 255.28 μ mol, 38.18% yield) as a white solid.

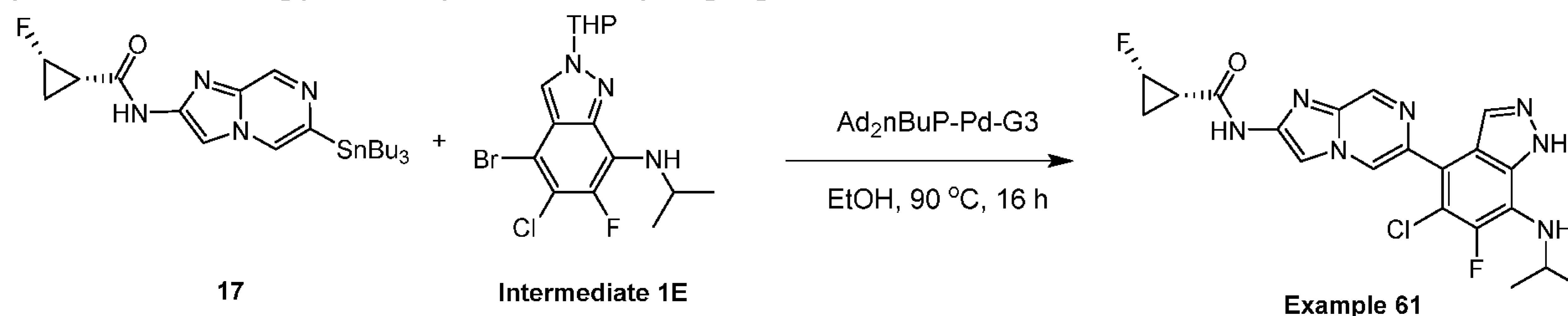
[0308] Step 2) (1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropanecarboxamide. 2 TFA

[0309] To a solution of 4-bromo-5-ethyl-6-fluoro-1H-indazole (40 mg, 164.56 μ mol, 1 eq) and **Compound 17** (92.18 mg, 181.01 μ mol, 1.1 eq) in EtOH (2 mL) was added Ad₂n-BuP-Pd-G3 (11.98 mg, 16.46 μ mol, 0.1 eq) under N₂. The reaction mixture was stirred at 90 °C for 16 hrs. The reaction mixture was concentrated in vacuum. The crude product was purified by prep-HPLC (column: Phenomenex Luna C18 150*25mm*10 μ m; mobile phase: [water(0.1%TFA)-ACN]; B%: 24%-54%, 10min) to give **Example 25** (10 mg, 16.22 μ mol, 9.86% yield, 99% purity, 2TFA) as a white solid.

[0310] ¹H NMR (400 MHz METHANOL-*d*₄) δ 8.99 (s, 1H), 8.71 (s, 1H), 8.42 (s, 1H), 7.83 (s, 1H), 7.36 (d, J=10.4 Hz, 1H), 5.00 - 4.97 (m, 1H), 2.76 - 2.72 (m, 2H), 2.16 - 2.15 (m, 1H), 1.86 - 1.79 (m, 1H), 1.26 - 1.24 (m, 1H), 1.19 - 1.16 (m, 3H).

[0311] Synthetic Method E

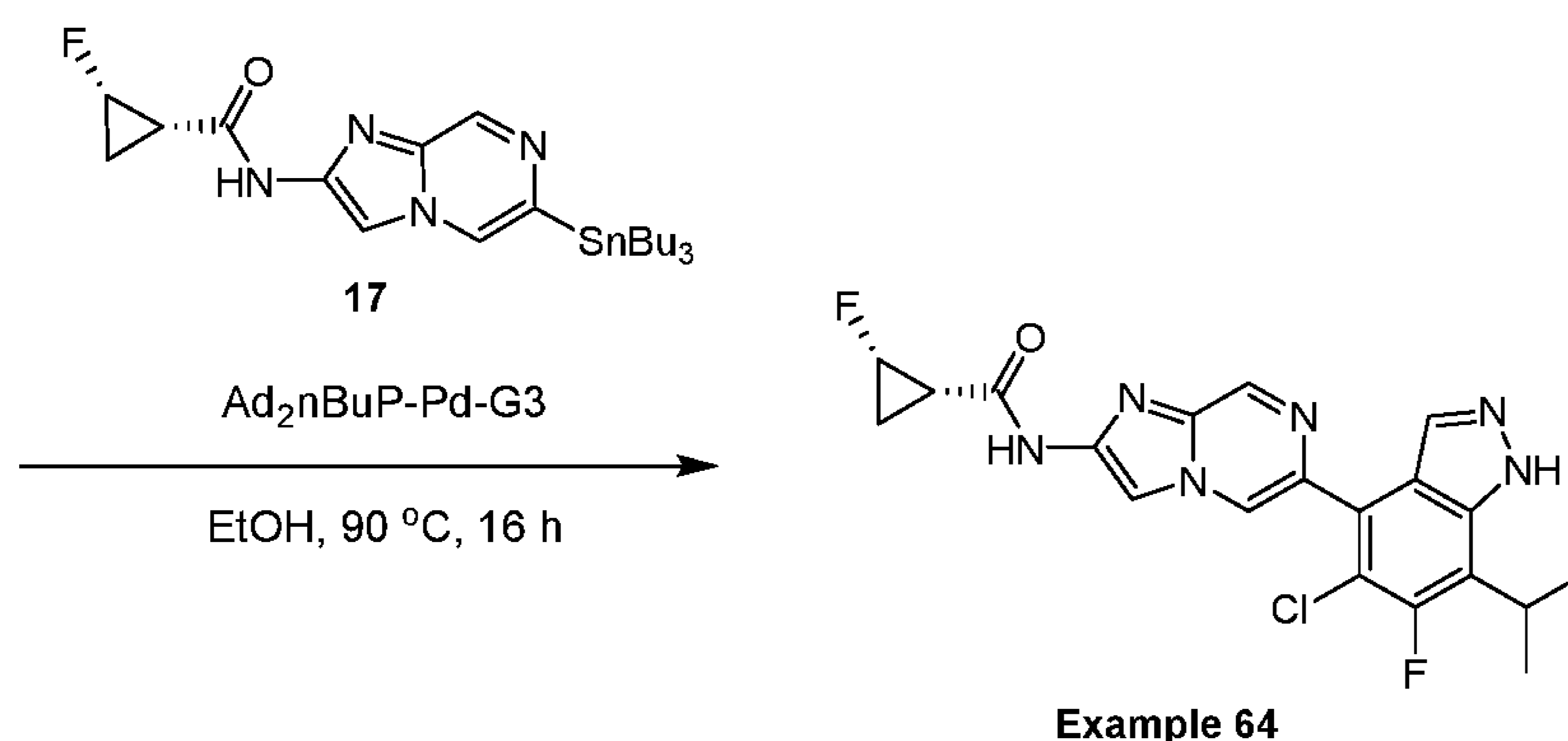
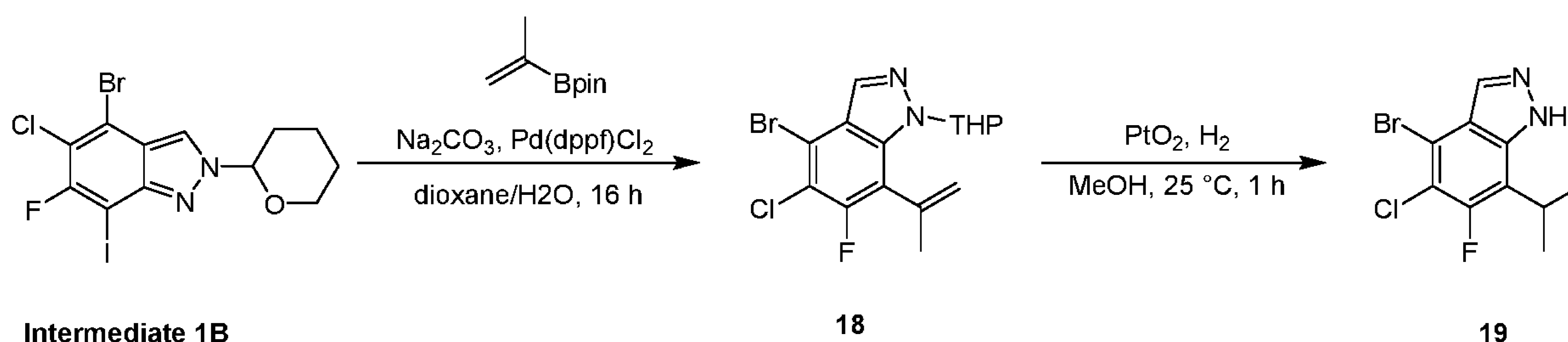
[0312] Example 61. (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide



[0313] To a solution of **Compound 17** (456 mg, 0.896 mmol, 1.3 eq) and **Intermediate 1E** (269 mg, 0.689 mmol) in EtOH (3.44 mL) was added Ad₂nBuP-Pd-G3 (50 mg, 0.0689 mmol, 0.1 eq). The mixture was degassed and purged with N₂ for 3 times, and then stirred at 90 °C for 16 hr under N₂ atmosphere. The reaction mixture was concentrated in vacuum. The crude product was purified by silica gel chromatography (product came out at Ethyl acetate) to afford **Example 61** (86 mg, 0.162 mmol, 24 % yield) as yellow color solid.

[0314] Synthetic Method F

[0315] Example 64. (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide



[0316] Step 1) 4-bromo-5-chloro-6-fluoro-7-(prop-1-en-2-yl)-2-(tetrahydro-2H-pyran-2-yl)-2H-indazole

[0317] To a solution of **Intermediate 1B** (2 g, 4.35 mmol, 1 eq), 4,4,5,5-tetramethyl-2-(prop-1-en-2-yl)-1,3,2-dioxaborolane (877.73 mg, 5.22 mmol, 1.2 eq) in dioxane (0.4 mL) and H₂O (0.1 mL) was added Na₂CO₃ (922.69 mg, 8.71 mmol, 2 eq) and Pd(dppf)Cl₂ (159.25 mg, 217.64 μmol, 0.05 eq) under N₂ atmosphere. The mixture was stirred at 80°C for 16hr under N₂ atmosphere. The reaction mixture was diluted with water 100 mL and extracted with Ethyl acetate (100mL * 2). The combined organic layers were washed with brine 100 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (silical gel, Petroleum ether:Ethyl acetate=1:0 to 20:1). **Compound 18** (870 mg, 2.33 mmol, 53.49% yield) was obtained as a yellow oil

[0318] Step 2) 4-bromo-5-chloro-6-fluoro-7-isopropyl-1H-indazole

[0319] To a solution of **Compound 18** (400 mg, 1.07 mmol, 1 eq) in MeOH (0.5 mL) was added PtO₂ (40.00 mg, 176.15 μmol, 1.65e-1 eq) under N₂. The suspension was degassed under vacuum and purged with H₂ several times. The mixture was stirred under H₂(15 psi) at 25°C for 1 hours. The reaction mixture was filtered and concentrated under reduced pressure to give a residue. The residue was purified by column chromatography (silical gel, Petroleum ether:Ethyl acetate=1:0 to 4:1). **Compound 19** (240 mg, 823.19 μmol, 76.90% yield) was obtained as a yellow solid.

[0320] ¹H NMR (400 MHz, DMSO-*d*₆) δ 13.73 (br s, 1H), 8.09 (s, 1H), 3.59 - 3.49 (m, 1H), 1.39 (d, J = 6.9 Hz, 6H).

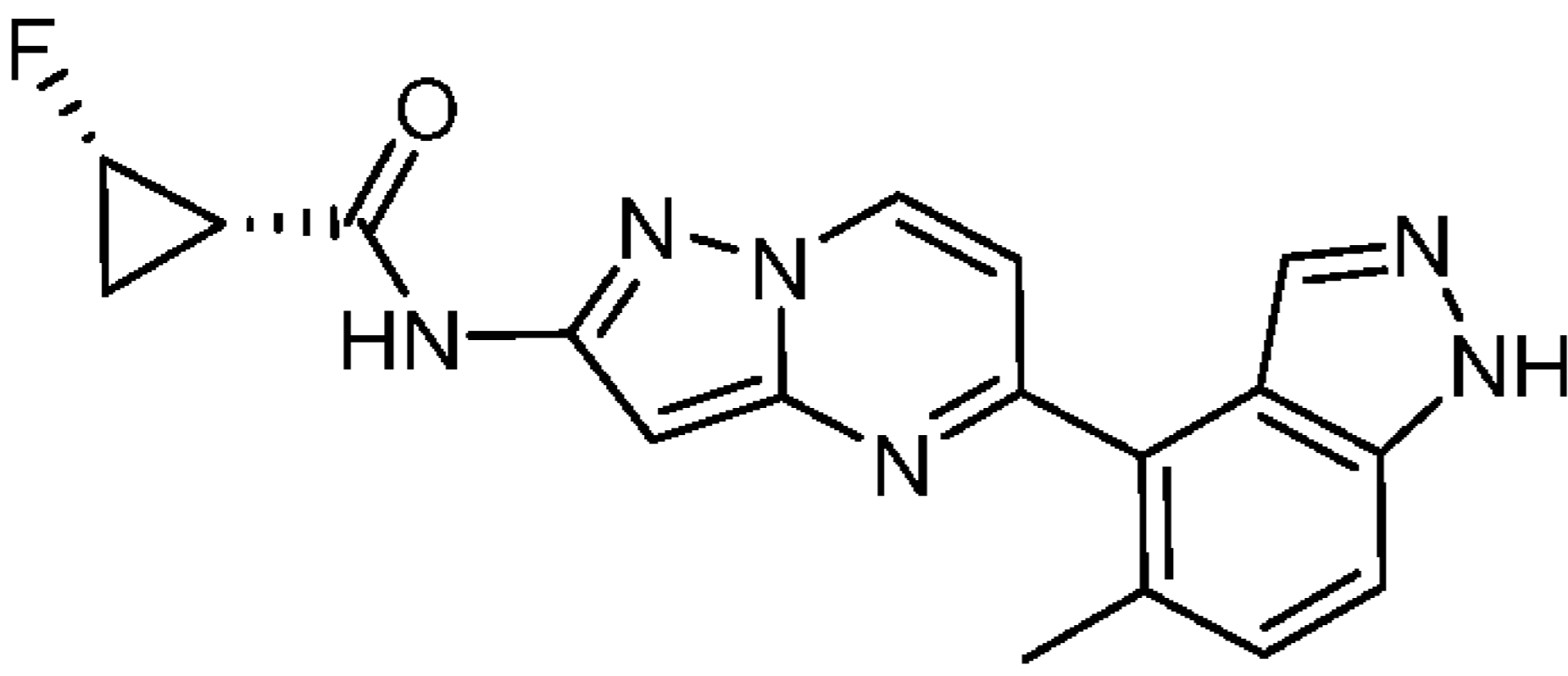
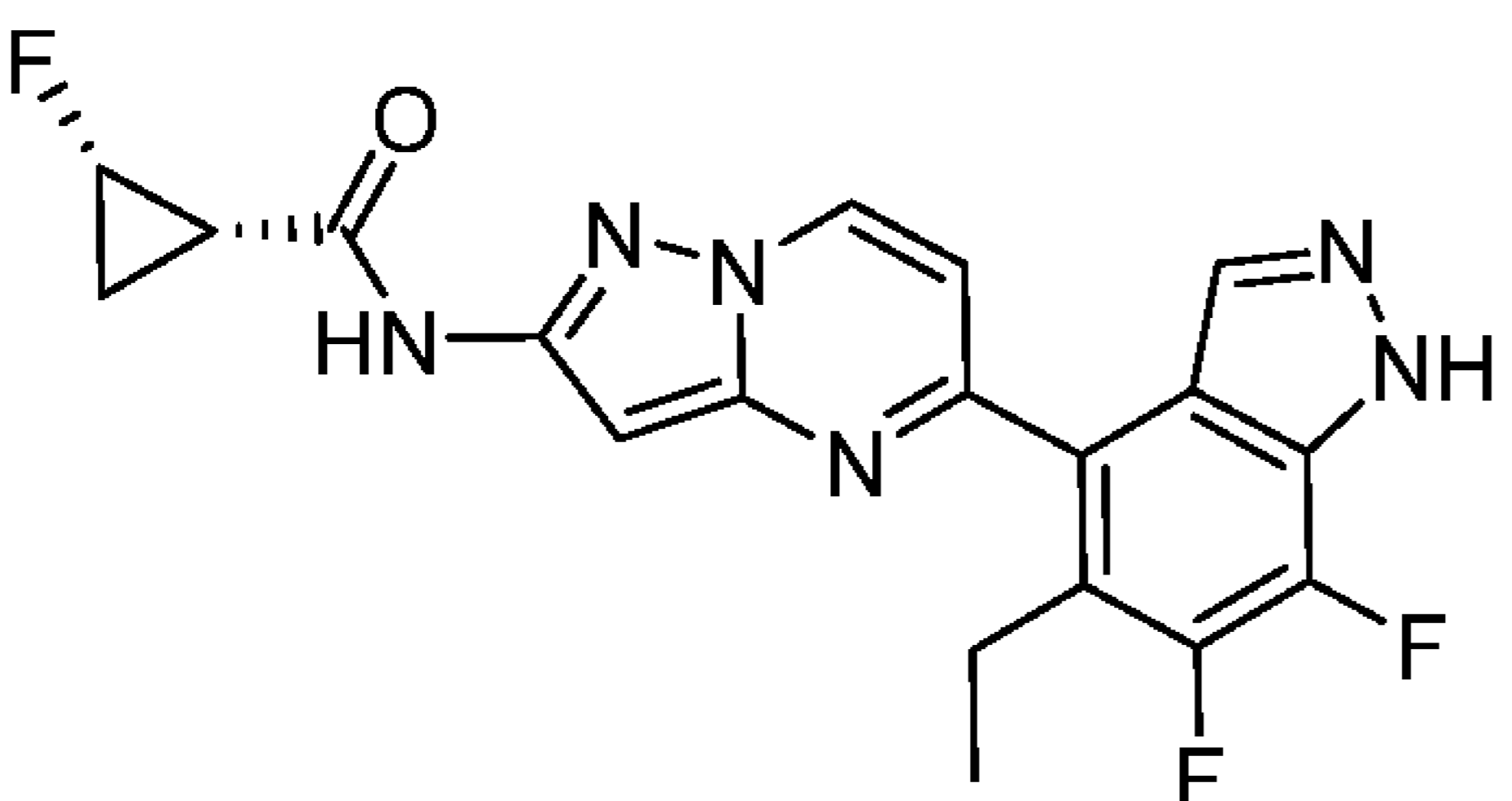
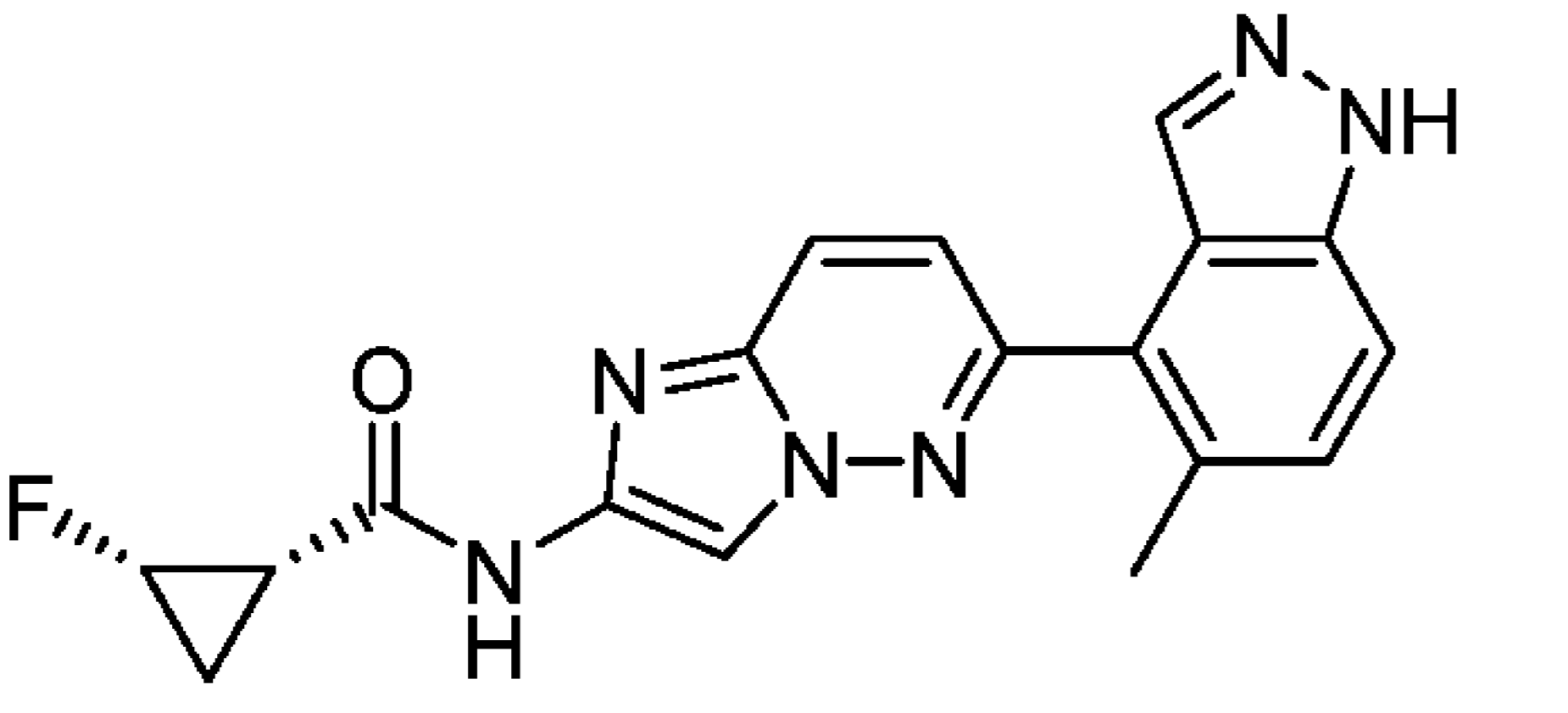
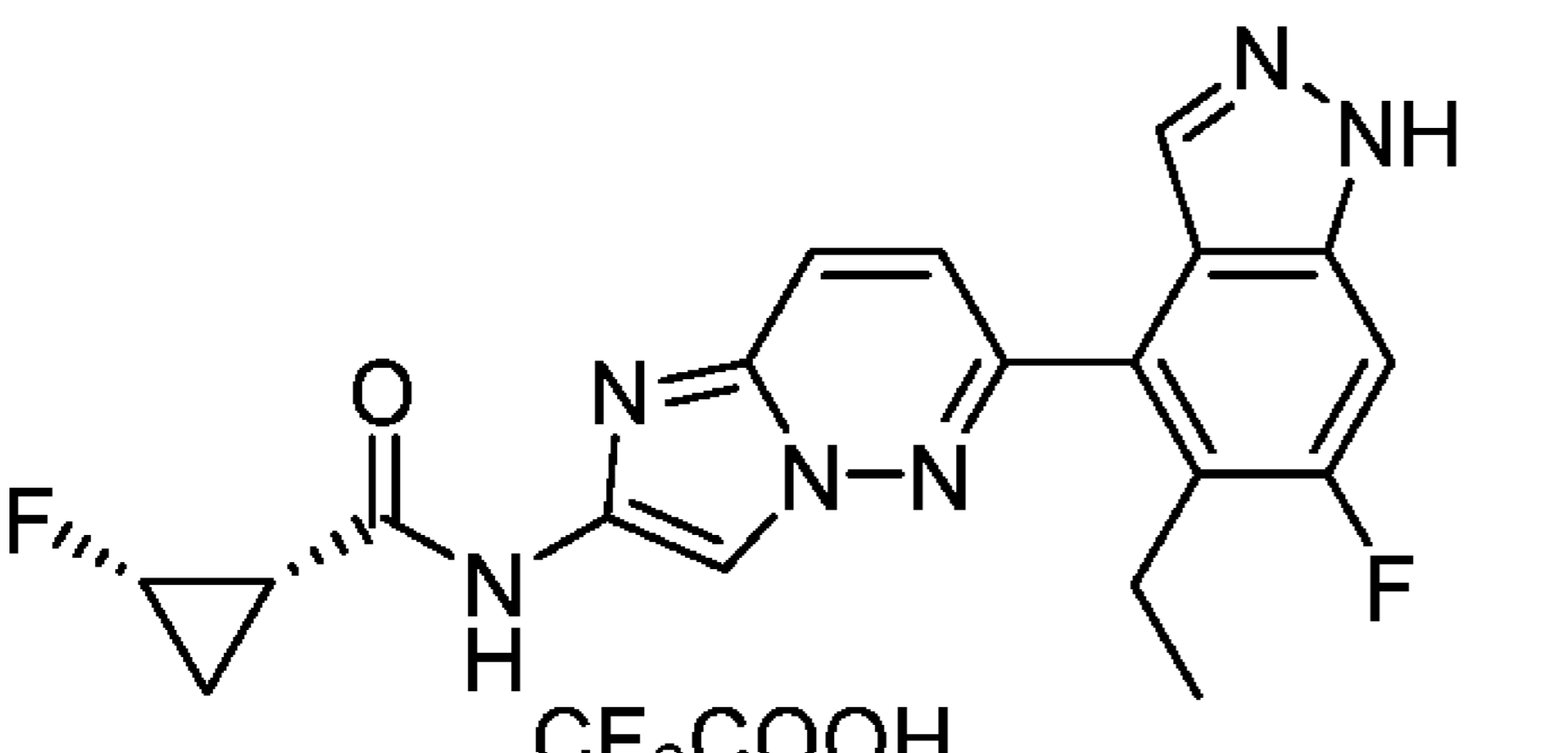
[0321] Step 3) (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide

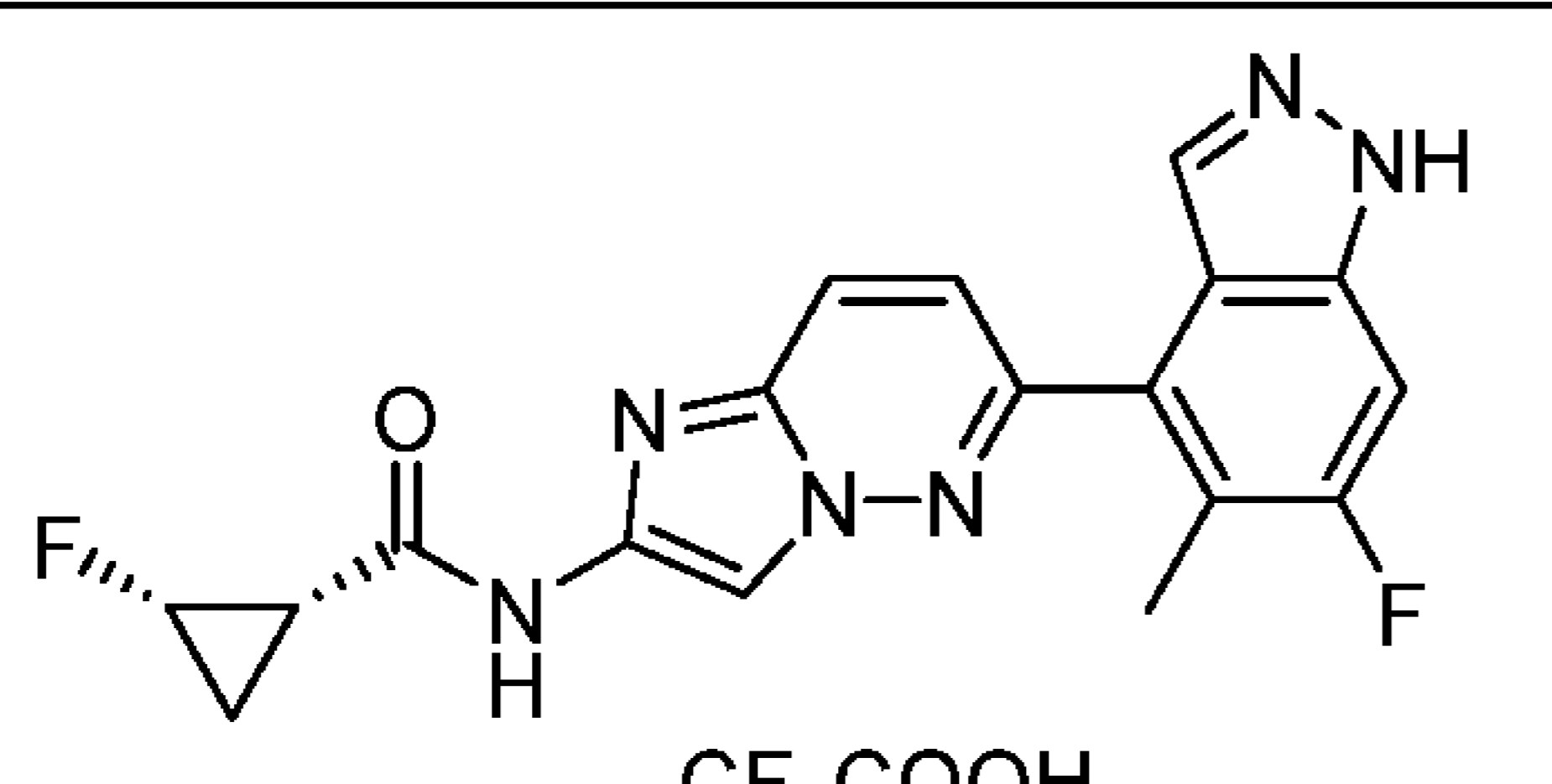
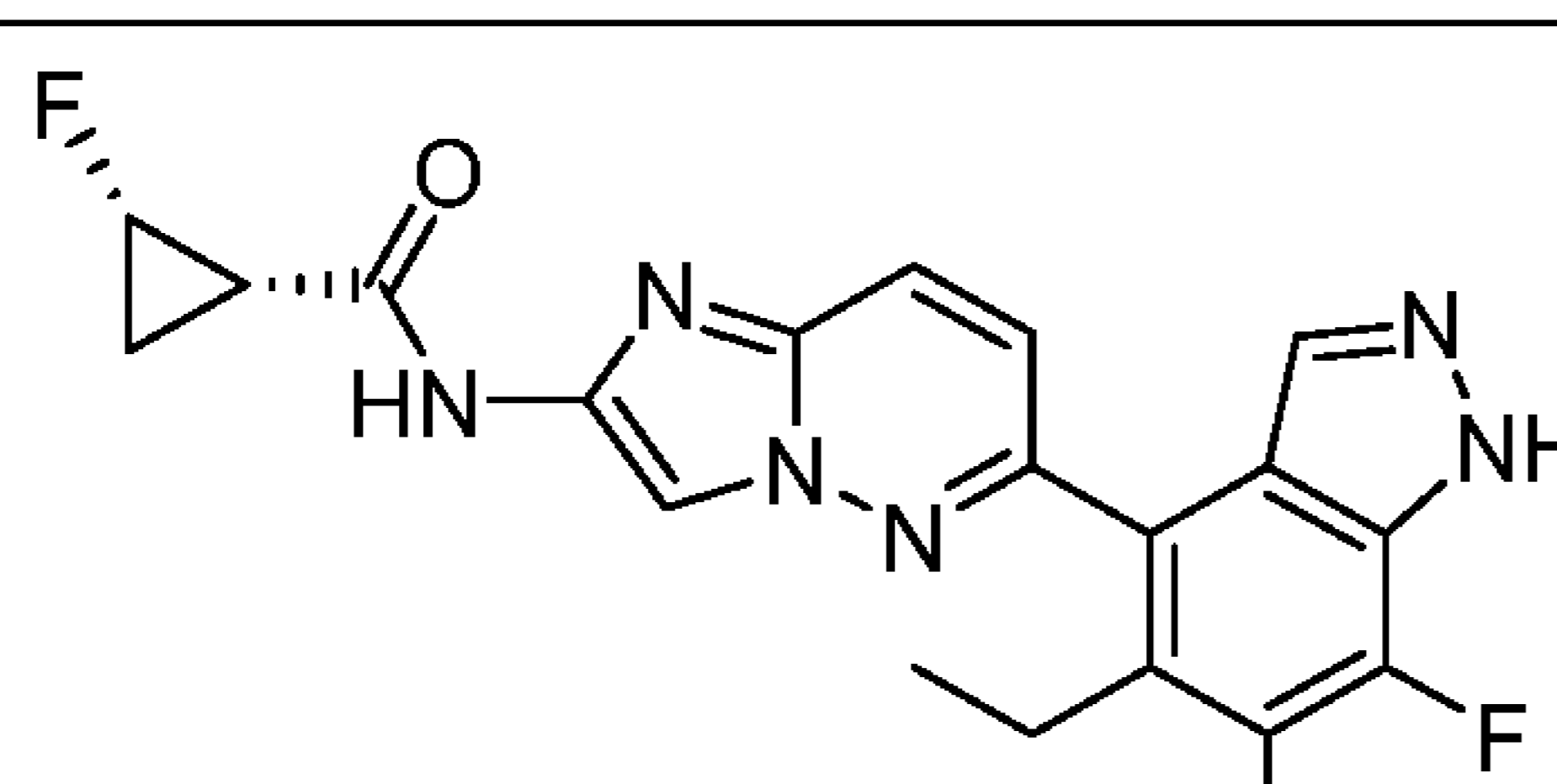
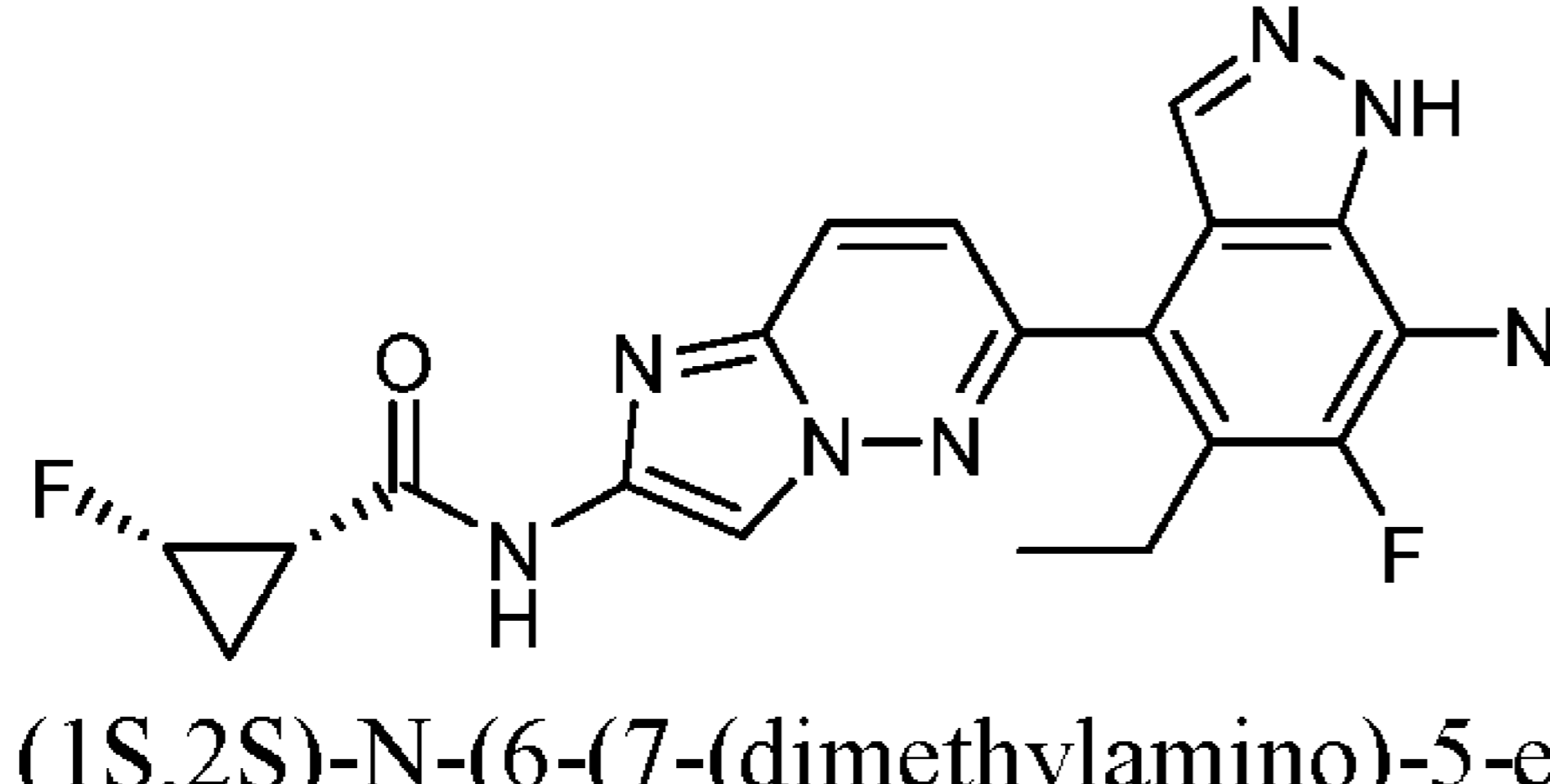
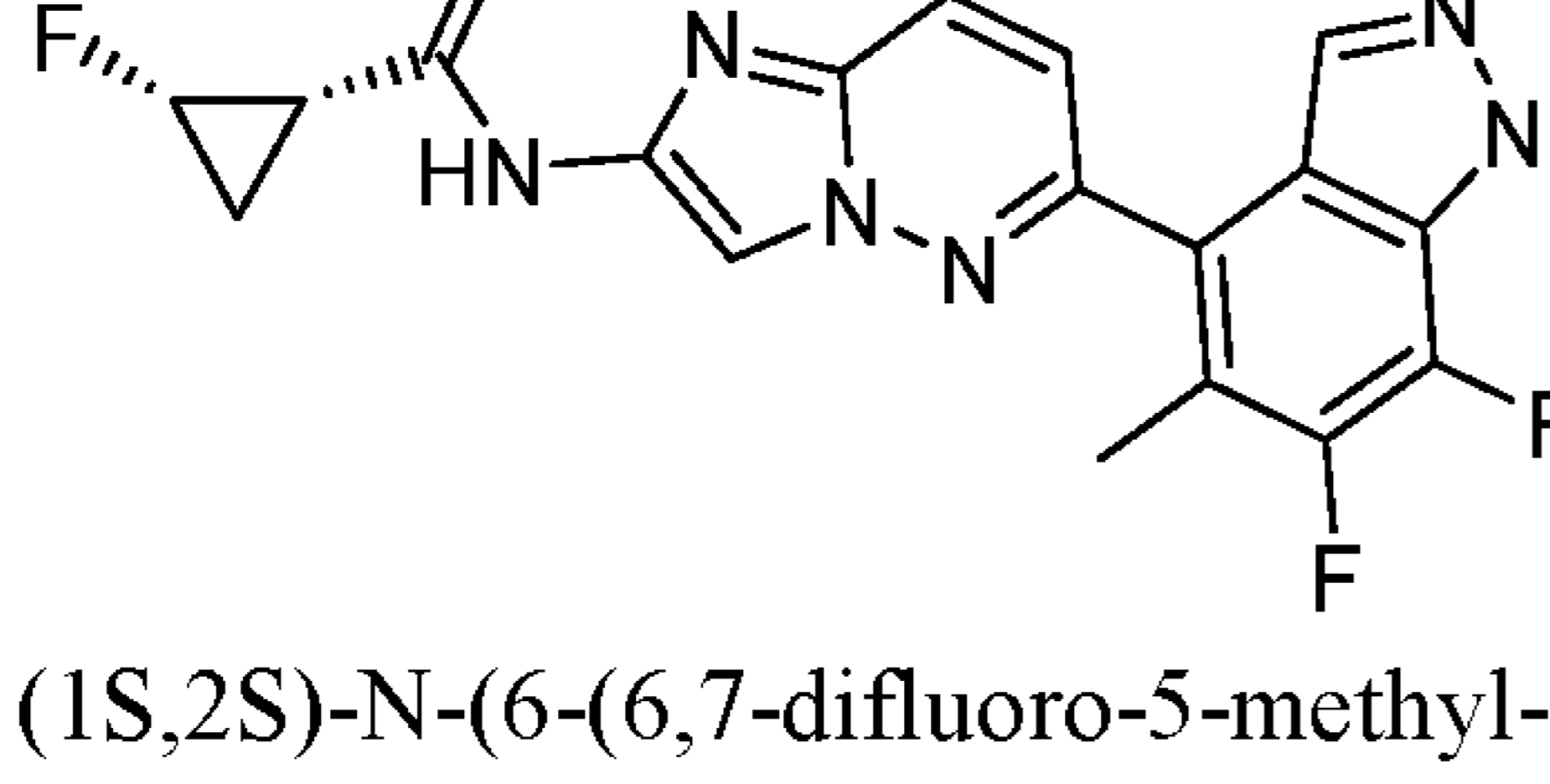
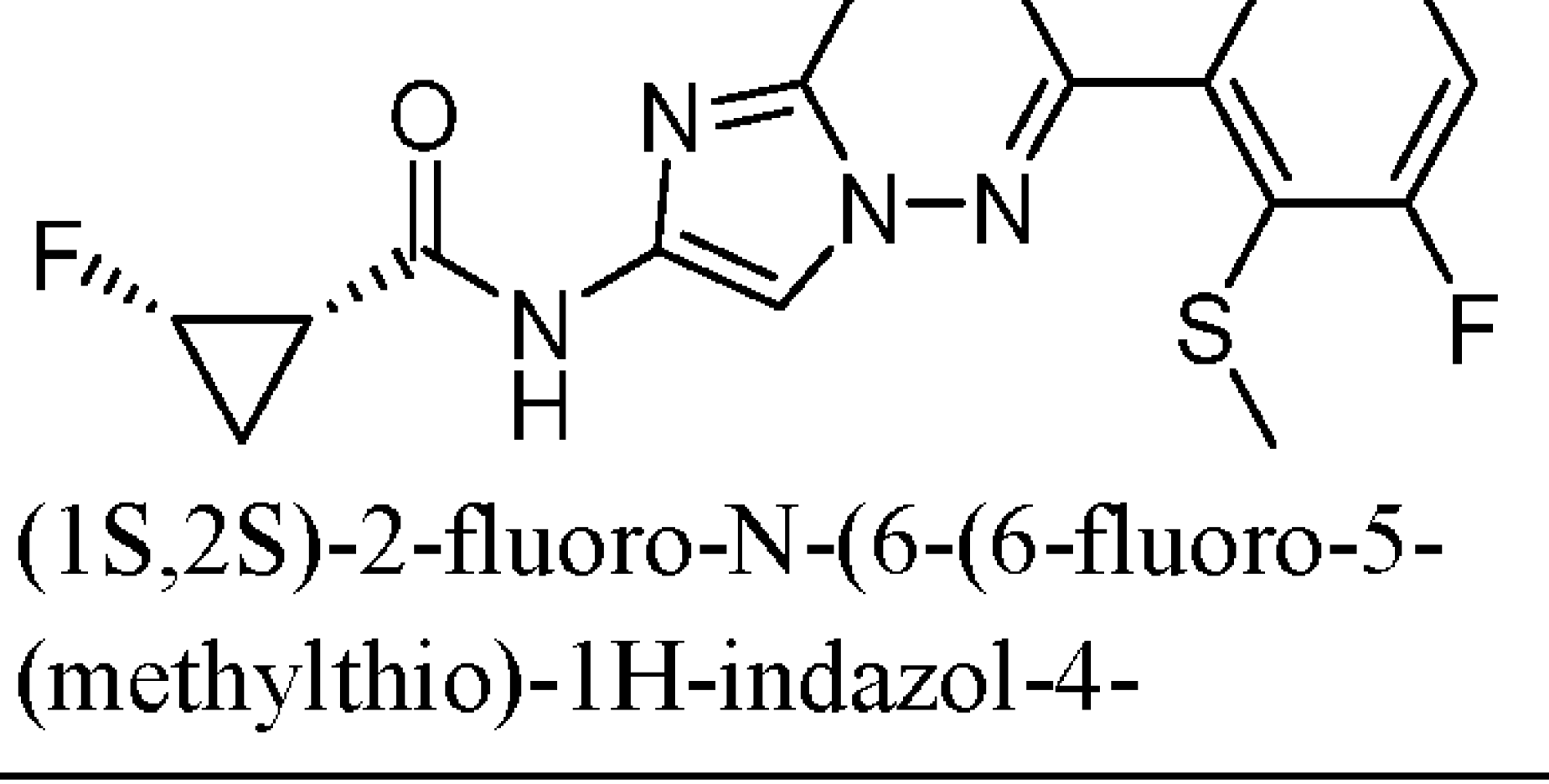
[0322] To a solution of **Compound 19** (70 mg, 240.10 μmol, 1 eq), **Compound 17** (134.50 mg, 264.11 μmol, 1.1 eq) in EtOH (1 mL) was added Ad₂nBuP-Pd-G3 (17.49 mg, 24.01 μmol, 0.1 eq) under N₂ atmosphere. The mixture was stirred at 80 °C for 12 hr under N₂ atmosphere. 5 mL saturated KF aqueous solution was added to quench the reaction mixture. The mixture was dissolved into water (20mL) and extracted with Ethyl acetate (20mL * 2). The combined organic layers were washed with brine 20 mL, dried over Na₂SO₄, filtered and concentrated under reduced pressure to give a residue. The residue was purified by prep-HPLC(column: Unisil 3-100 C18 Ultra 150*50mm*3 μm; mobile phase: [water(0.225%FA)-ACN];B%: 40%-60%,10min) and lyophilized. **Example 64** (15 mg, 34.12 μmol, 14.21% yield, 98% purity) was obtained as a white solid.

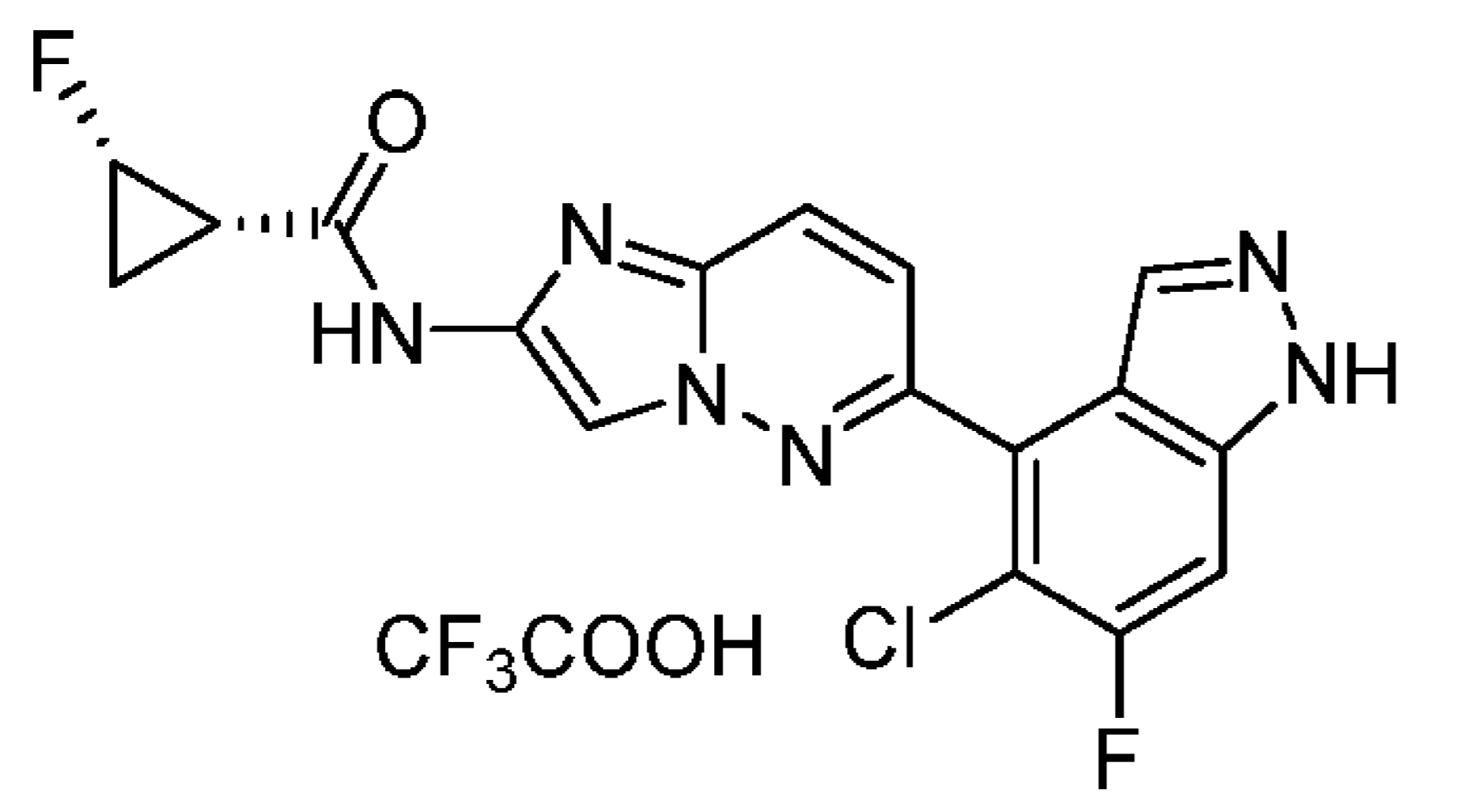
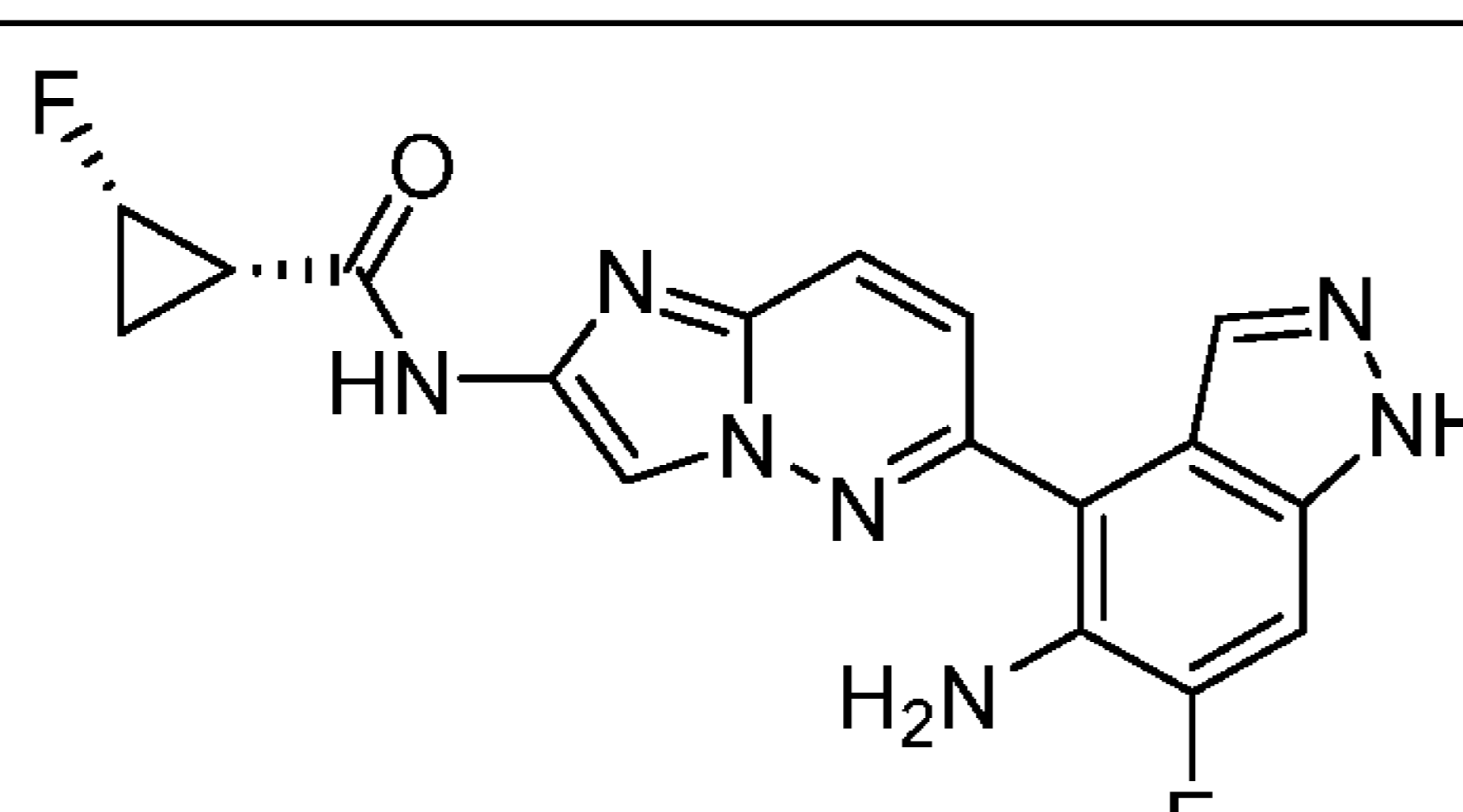
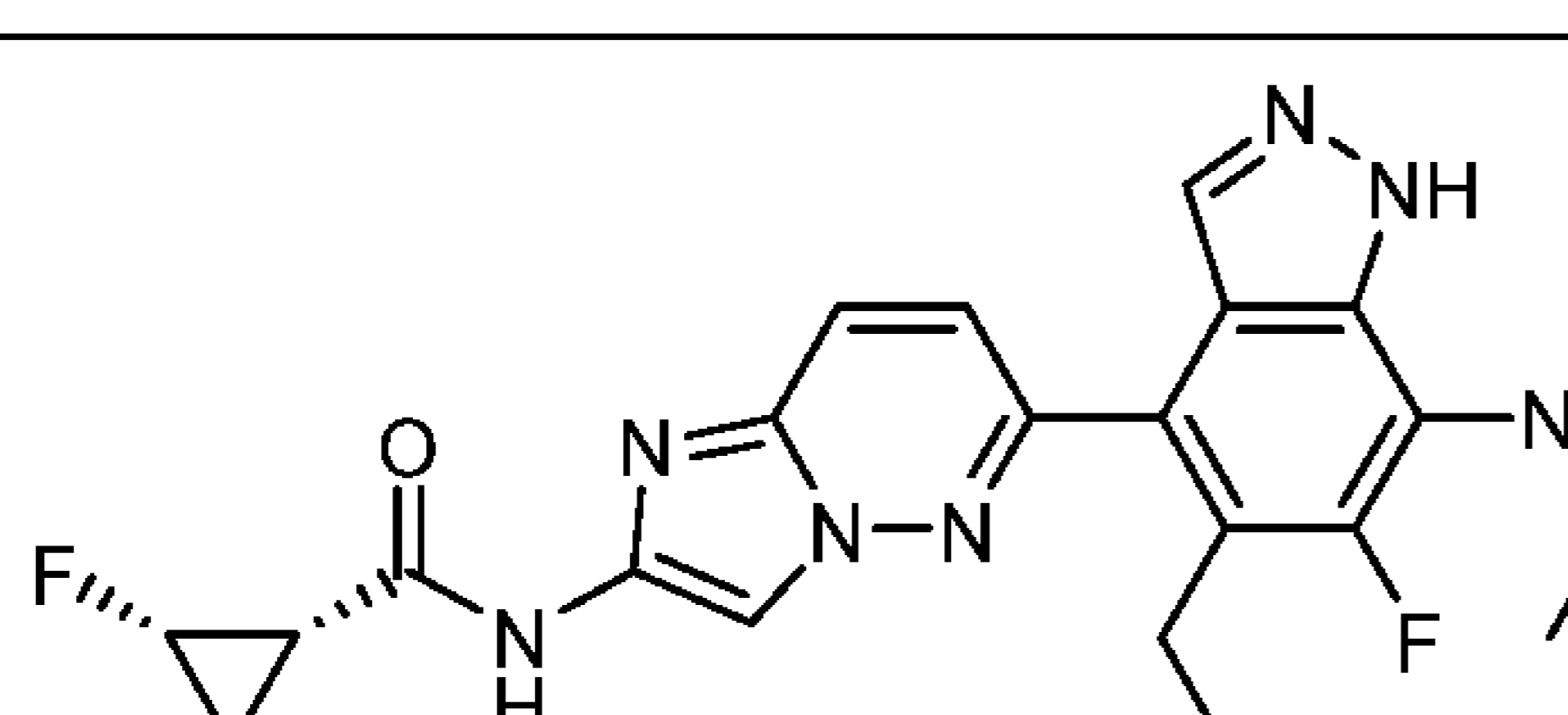
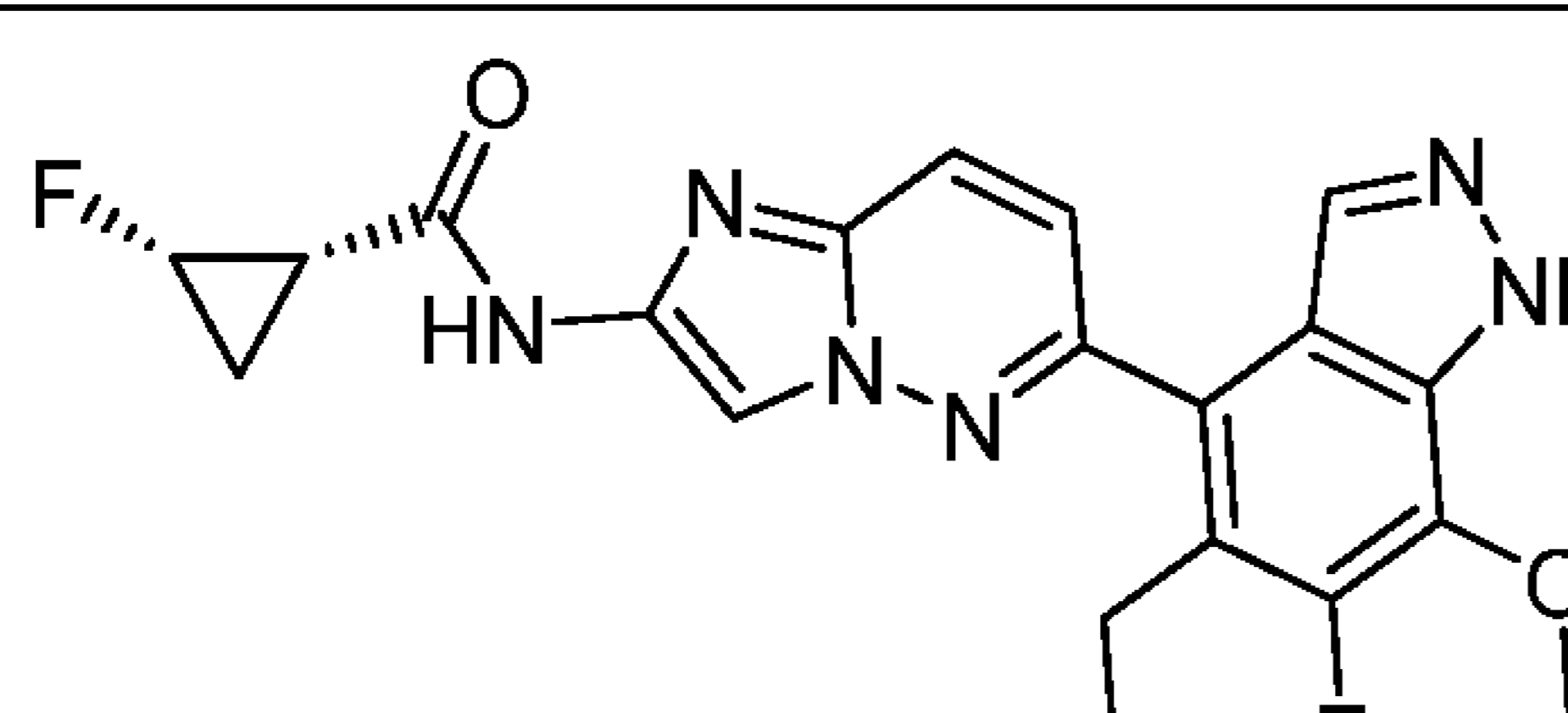
[0323] $^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 13.52 (br s, 1H), 11.40 (s, 1H), 9.14 - 8.87 (m, 2H), 8.38 (s, 1H), 8.04 (br s, 1H), 5.17 - 4.75 (m, 1H), 3.66 - 3.59 (m, 1H), 2.19 (td, $J = 7.0, 13.6$ Hz, 1H), 1.75 - 1.62 (m, 1H), 1.45 (br d, $J = 7.0$ Hz, 6H), 1.20 (tdd, $J = 6.3, 8.9, 12.3$ Hz, 1H); LCMS (electrospray) m/z 431.2 (M+H+).

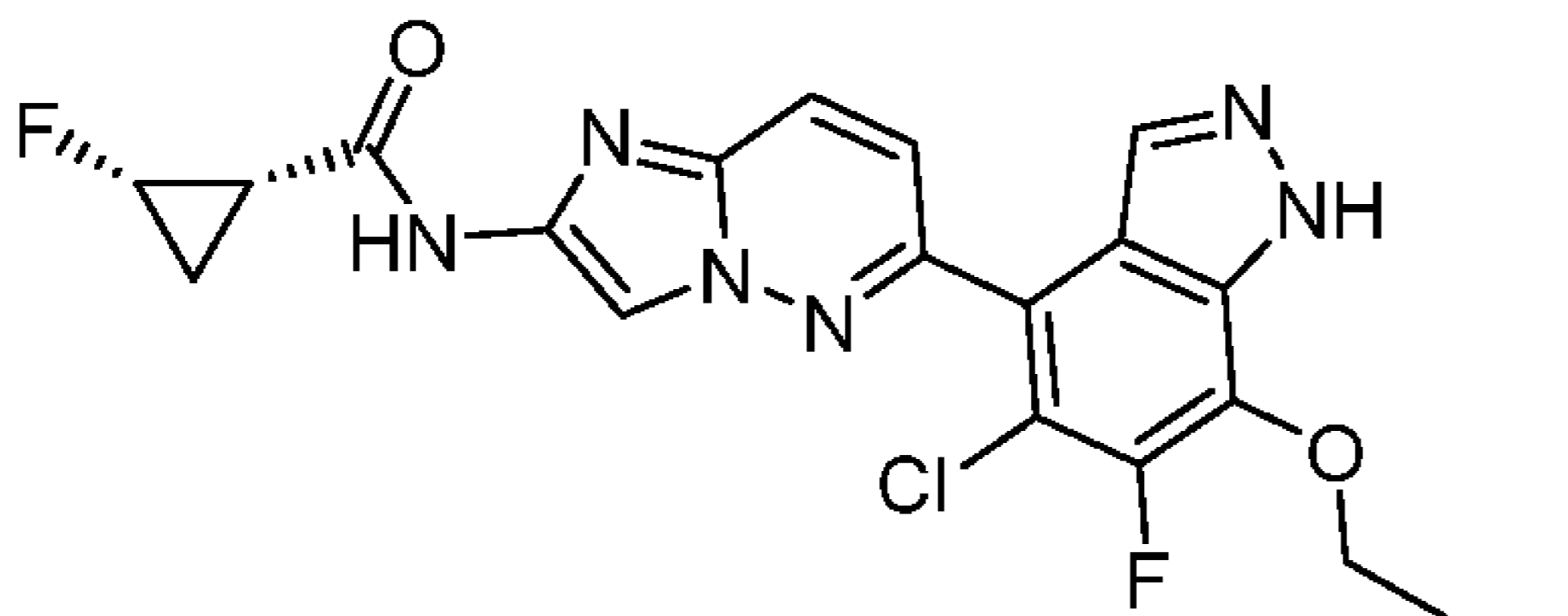
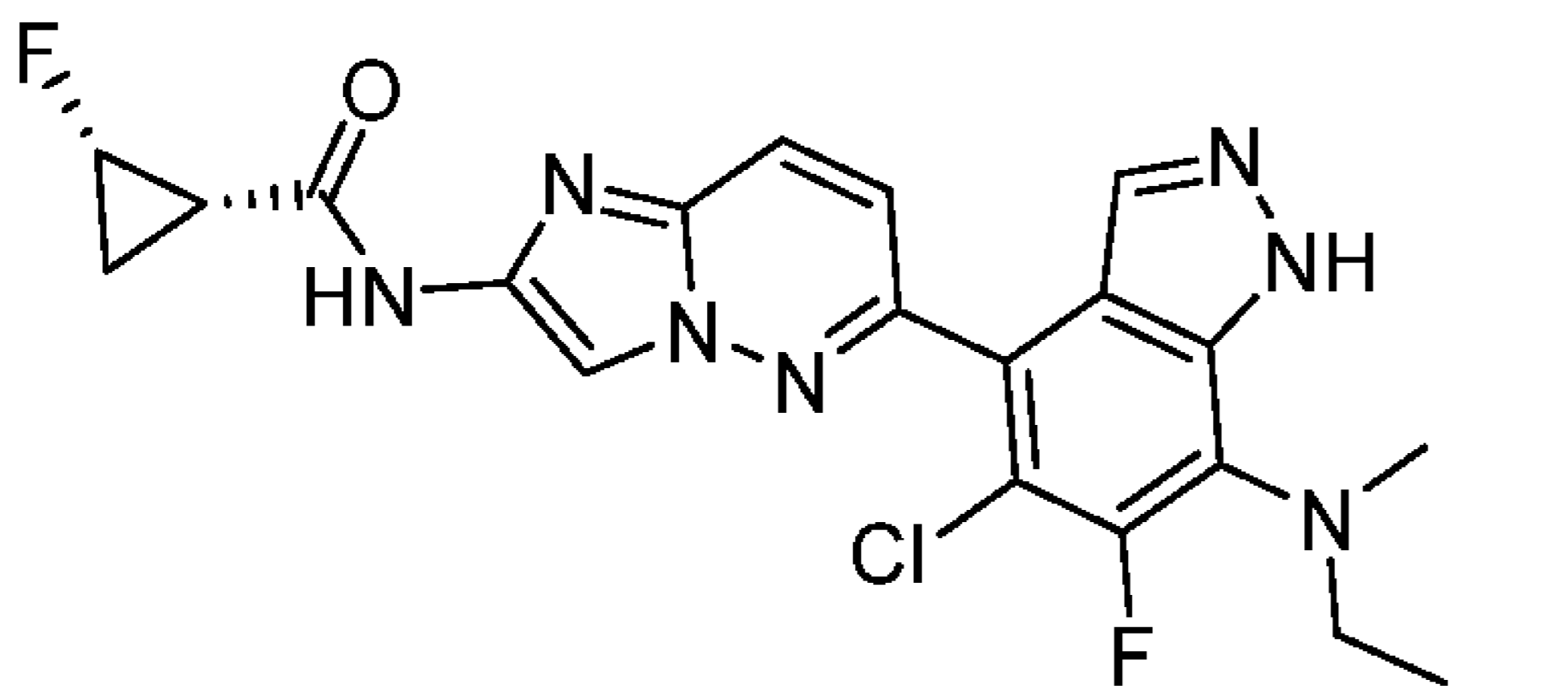
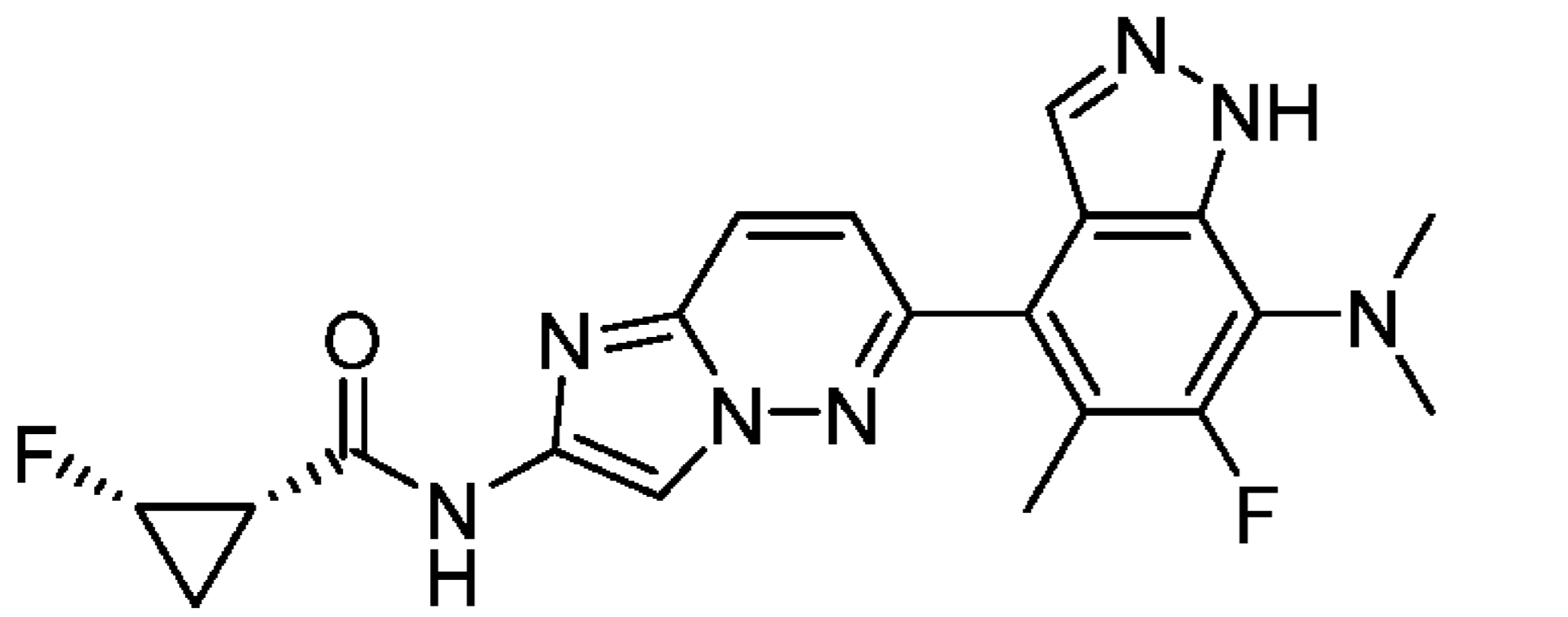
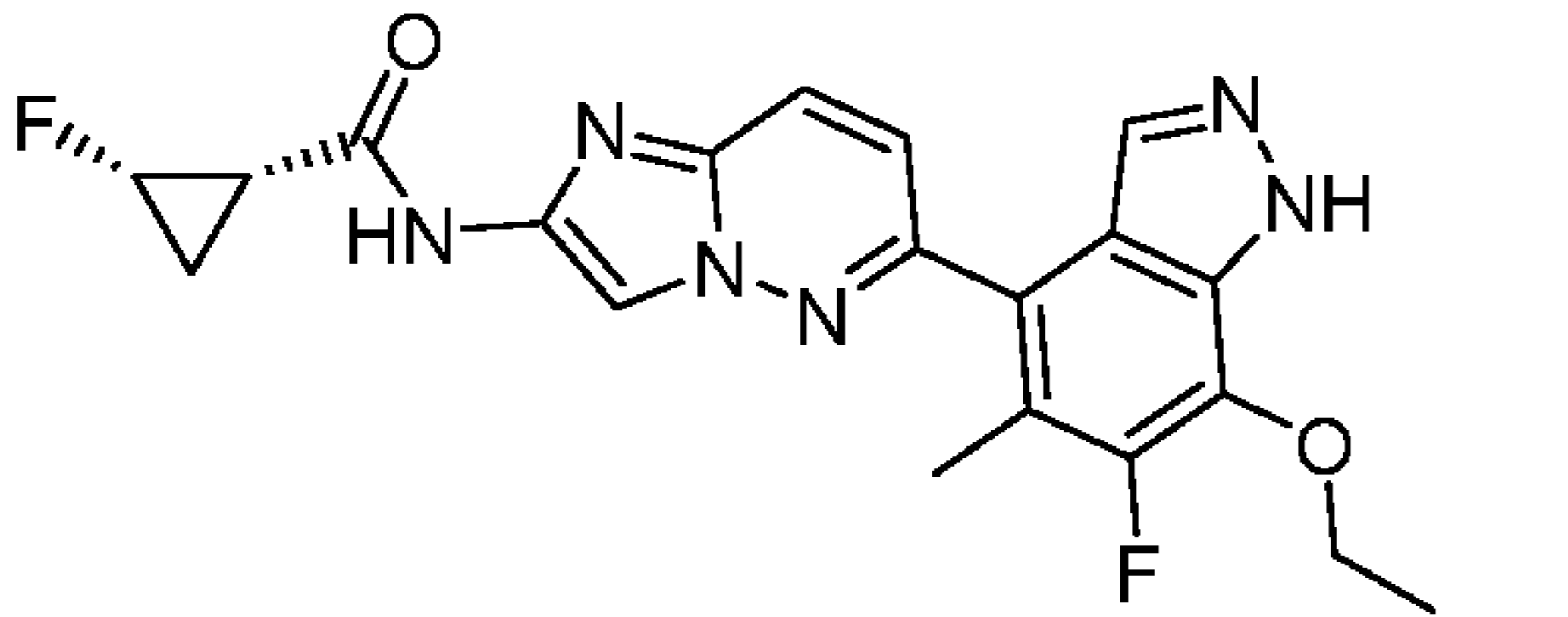
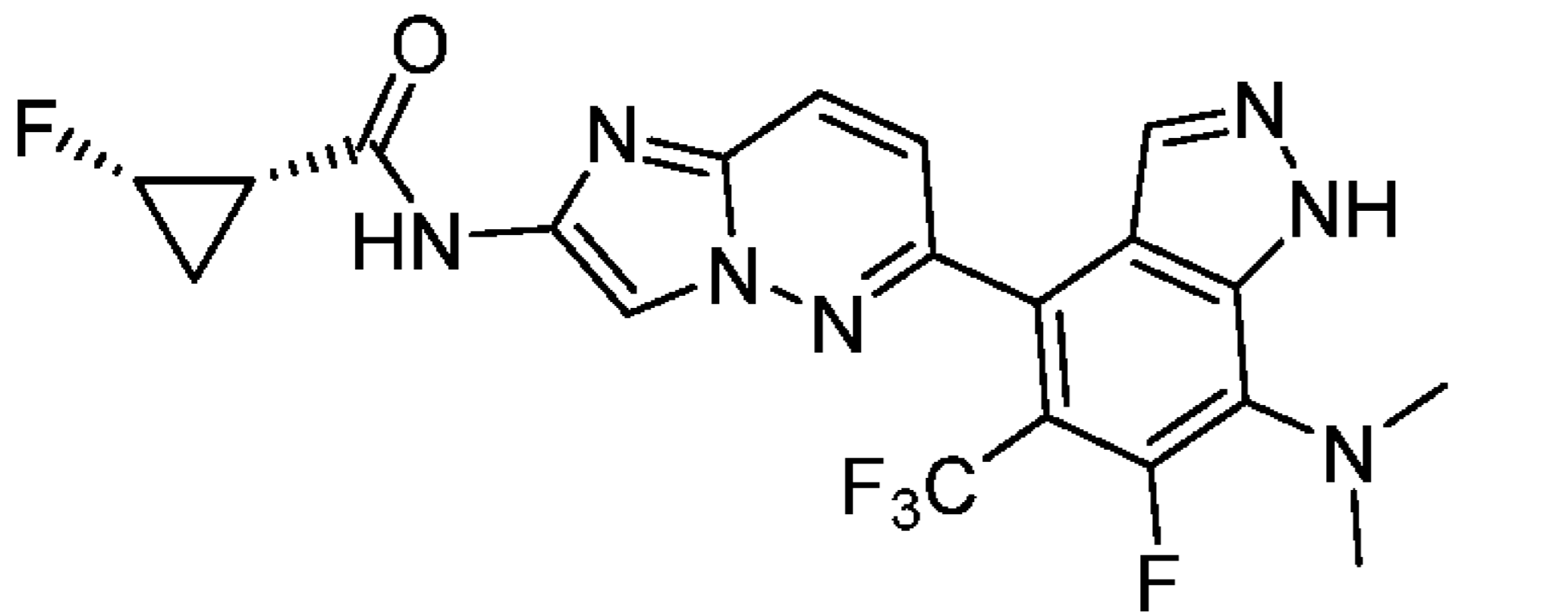
5 **[0324]** Table 1 below shows the compounds of Examples along with general synthetic methods used to make the compound and characterization data.

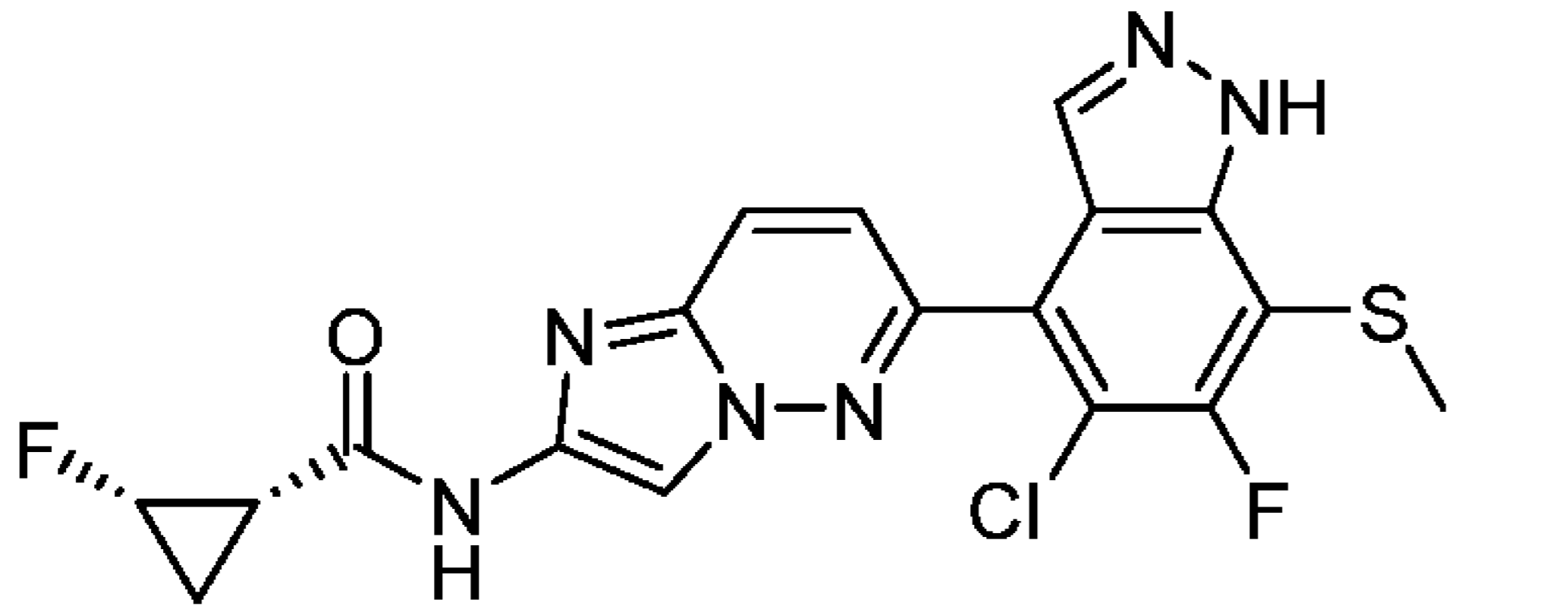
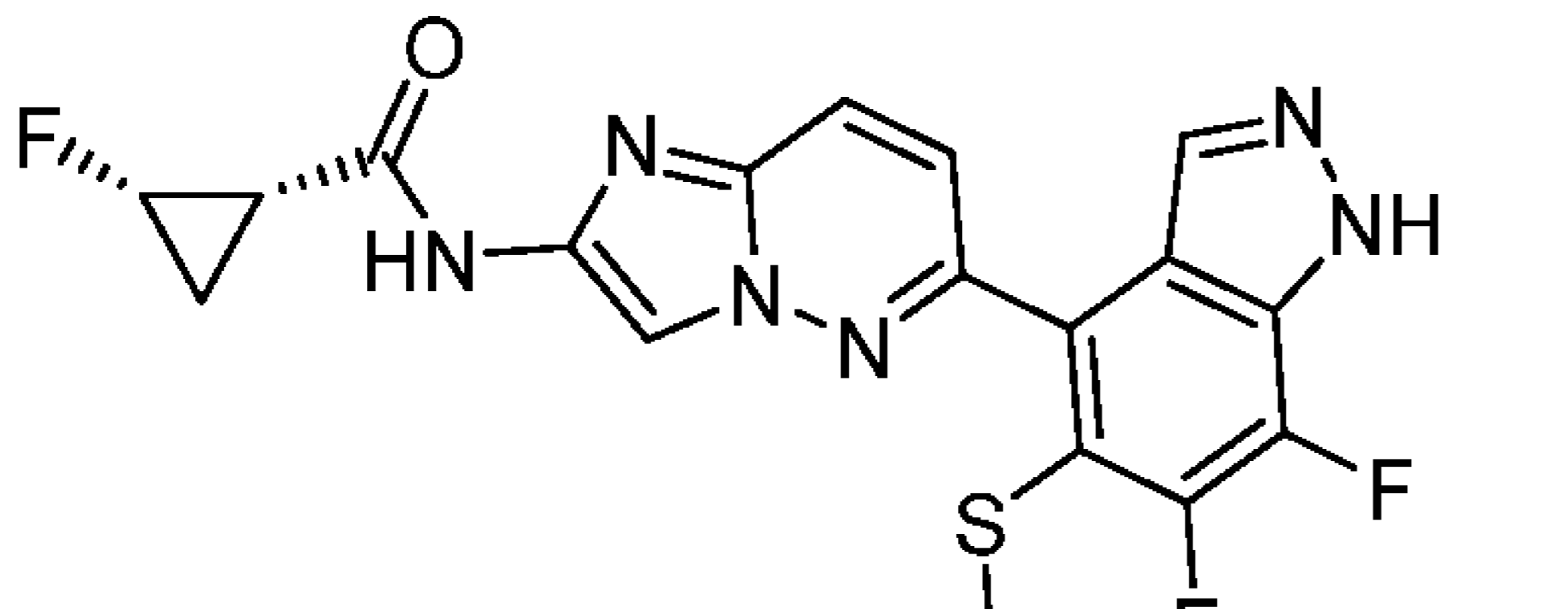
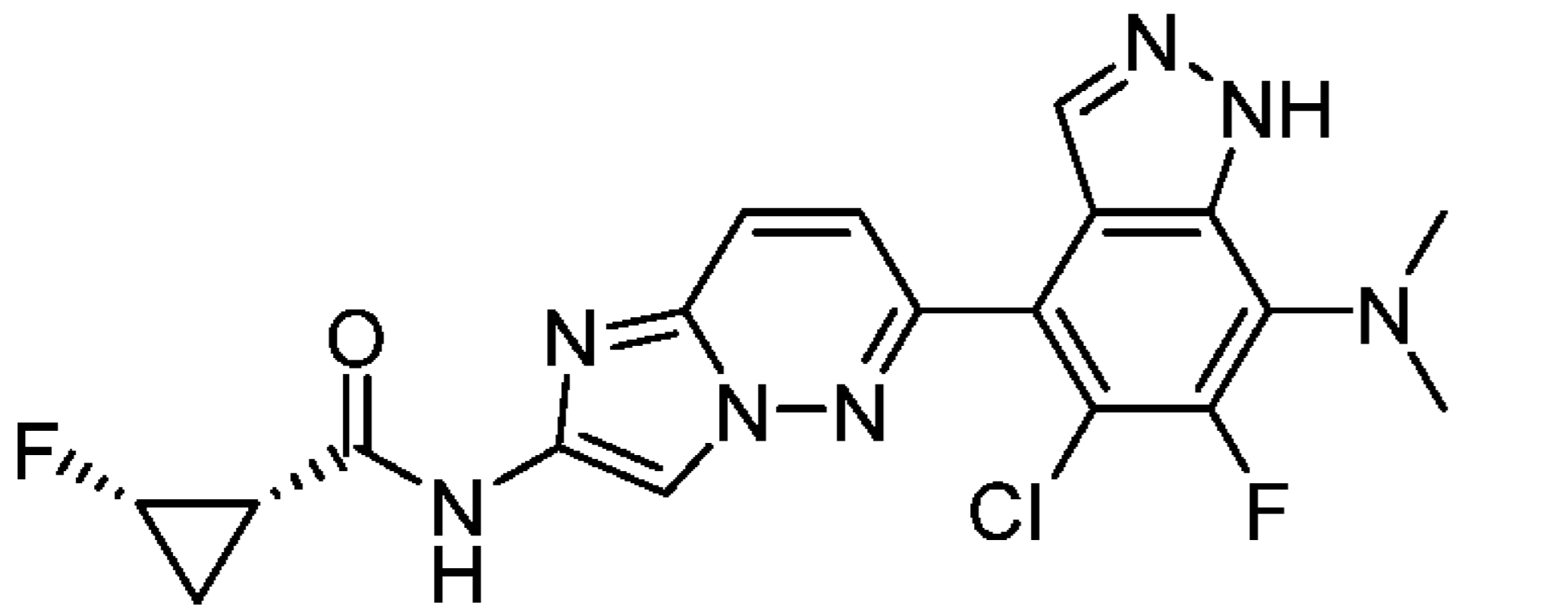
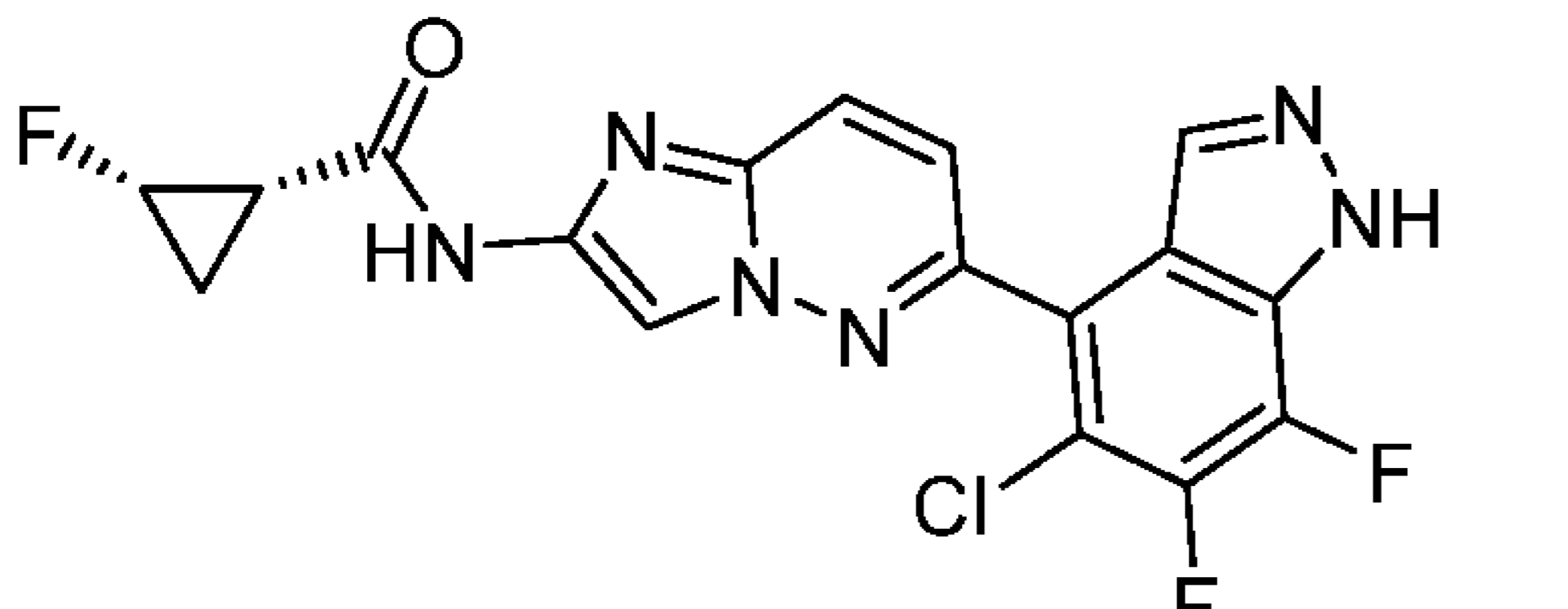
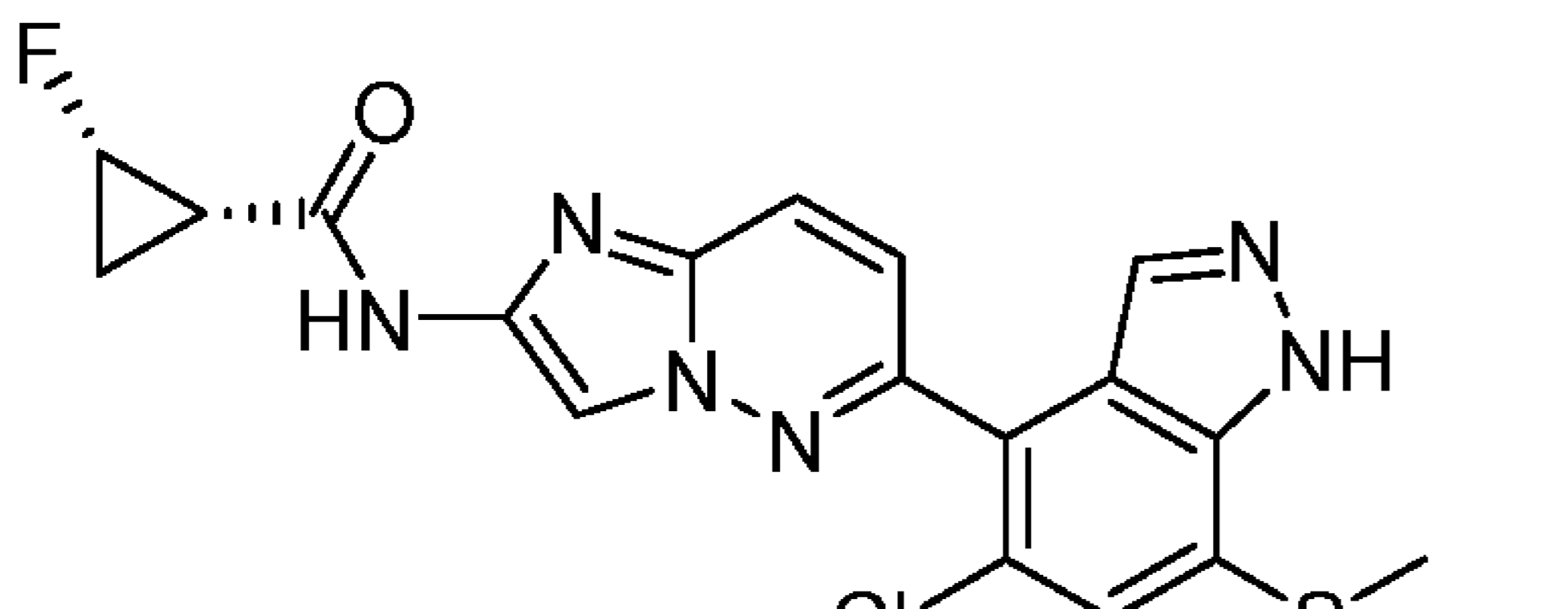
[0325] Table 1. Compounds of Examples

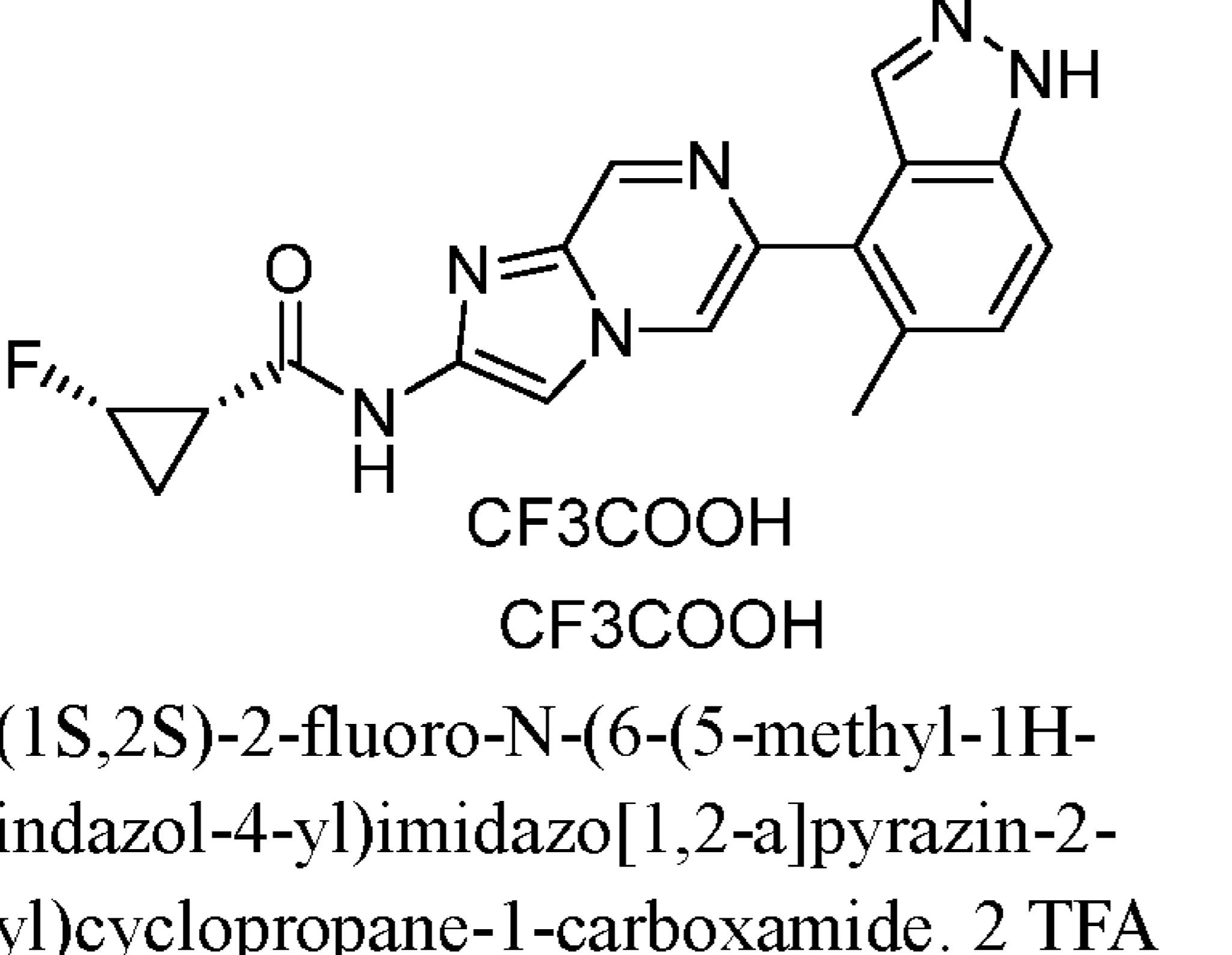
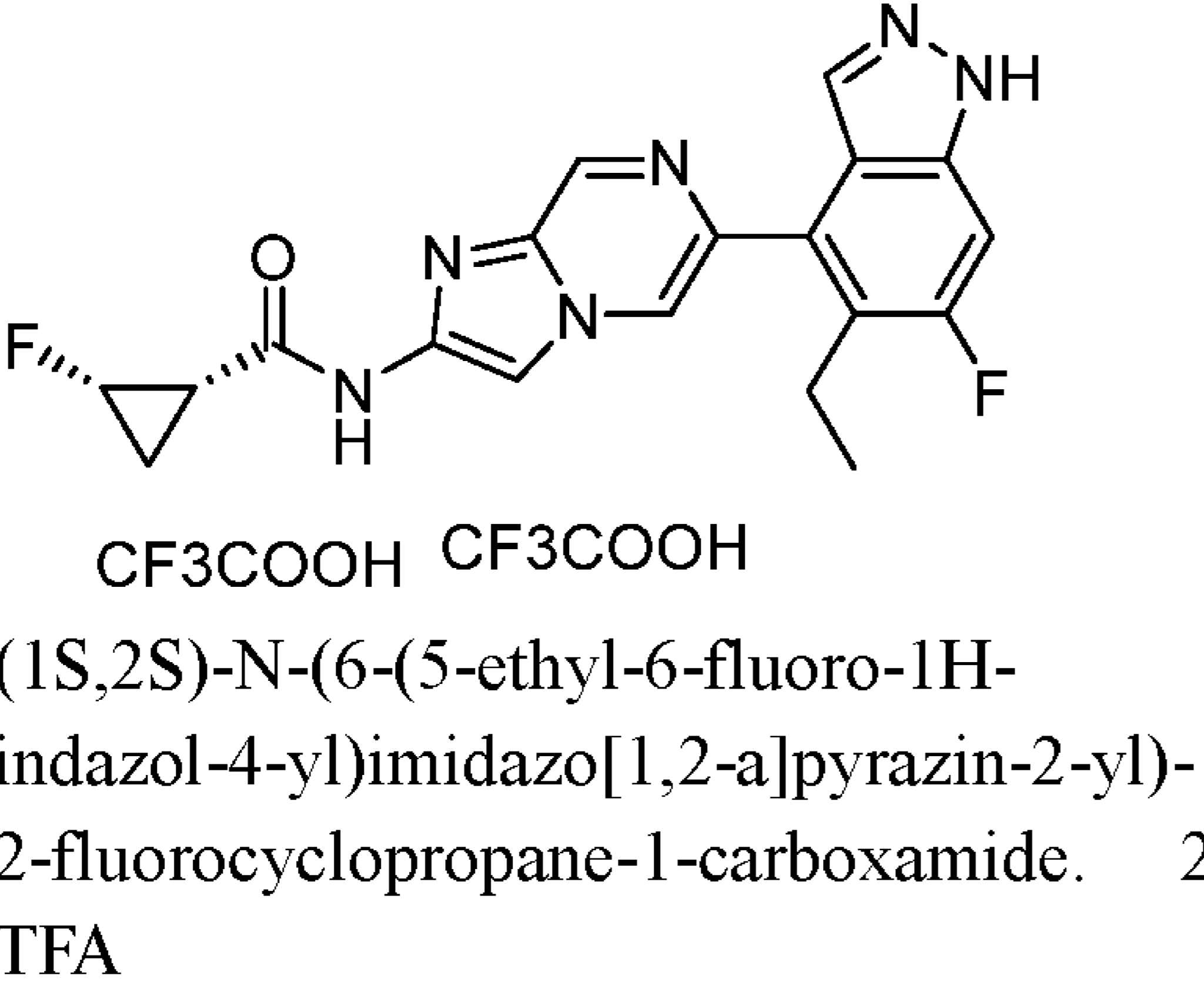
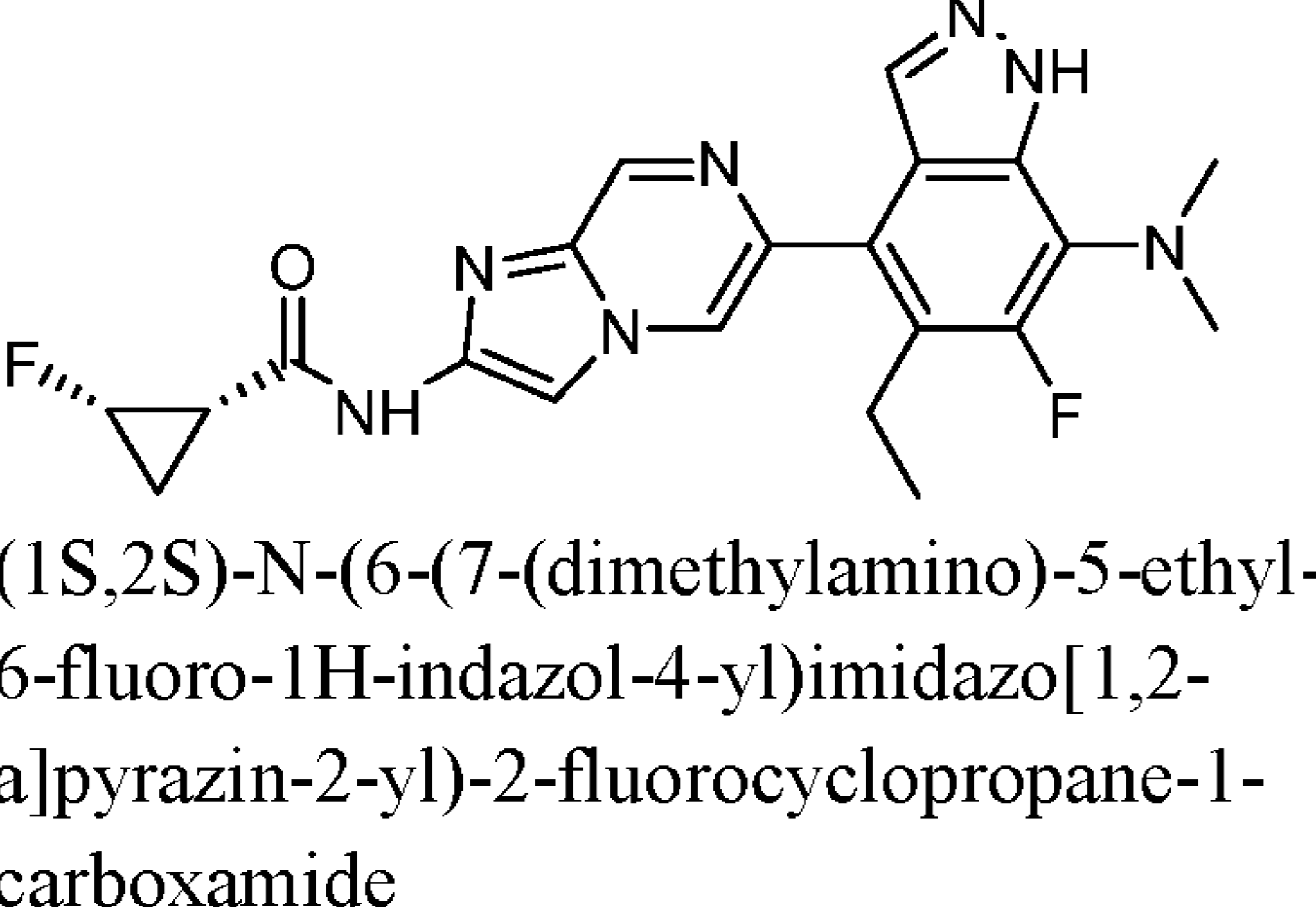
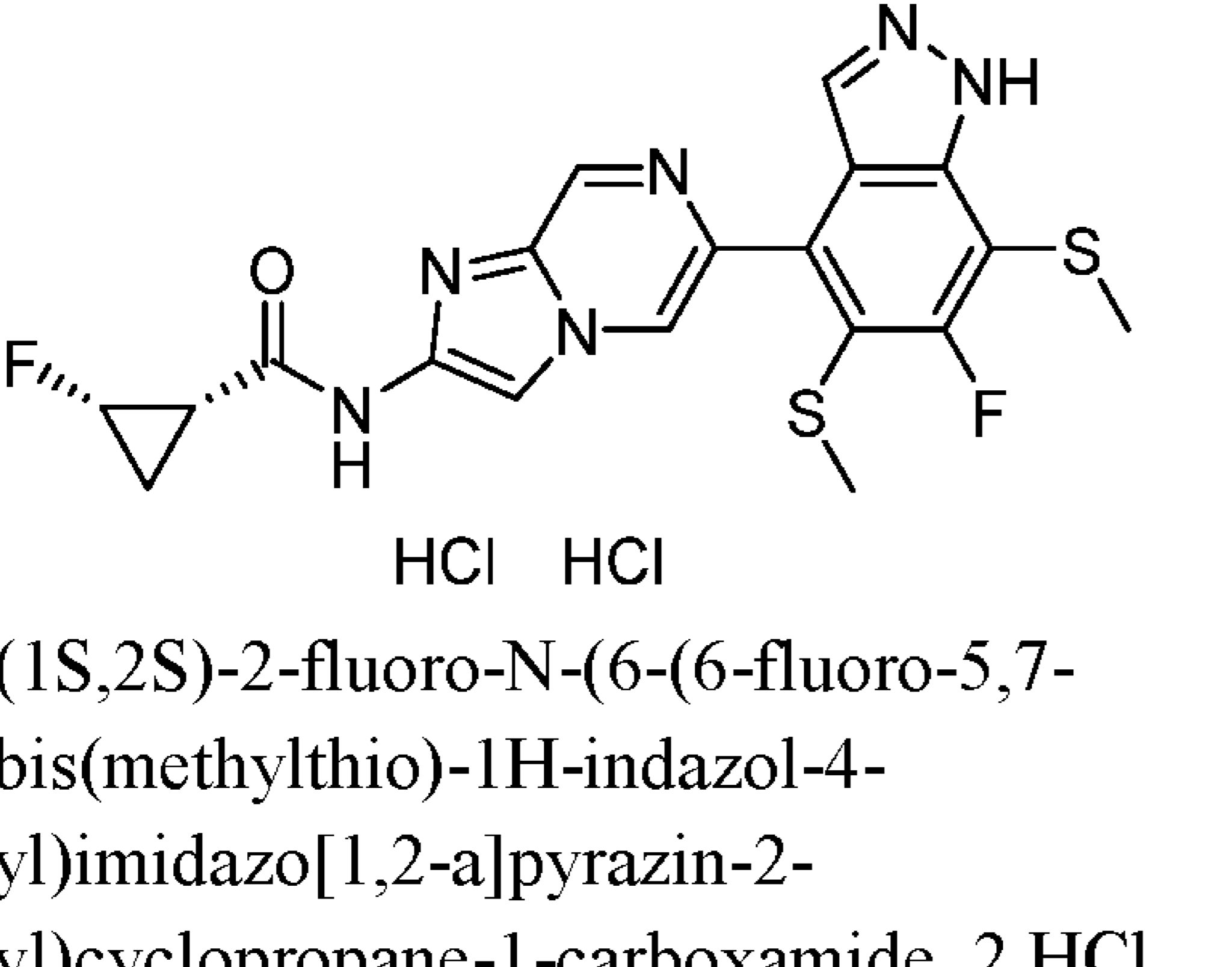
Ex #	Structure /Name	$^1\text{H NMR}$ / MS (M+1)	Method
1	 <p>(1S,2S)-2-fluoro-N-(5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-a]pyrimidin-2-yl)cyclopropane-1-carboxamide</p>	$^1\text{H NMR}$ (400 MHz, METHANOL- d_4) δ 8.57 (d, $J = 4.3$ Hz, 1H), 7.66 (d, $J = 8.6$ Hz, 1H), 7.64 (d, $J = 2.3$ Hz, 1H), 7.44 (d, $J = 8.8$ Hz, 1H), 7.13 (s, 1H), 7.04 (d, $J = 4.3$ Hz, 1H), 4.75 - 4.61 (m, 1H), 2.26 (s, 3H), 1.98 - 1.90 (m, 1H), 1.83 - 1.72 (m, 1H), 1.19 - 1.11 (m, 1H); LCMS (electrospray) m/z 351.2 (M+H+).	A
2	 <p>(1S,2S)-N-(5-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)pyrazolo[1,5-a]pyrimidin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	$^1\text{H NMR}$ (400 MHz, METHANOL- d_4) δ 8.89 (d, $J = 7.0$ Hz, 1H), 7.93 (d, $J = 3.1$ Hz, 1H), 7.10 (d, $J = 7.1$ Hz, 1H), 7.05 (s, 1H), 4.96 (dt, $J = 3.8, 6.2$ Hz, 1H), 4.80 (dt, $J = 3.8, 6.3$ Hz, 1H), 2.88 - 2.80 (m, 2H), 2.15 - 2.07 (m, 1H), 2.03 (s, 1H), 1.88 - 1.76 (m, 1H), 1.28 - 1.19 (m, 4H); LCMS(electrospray) m/z 401.2 (M +H+).	A
3	 <p>CF_3COOH CF_3COOH (1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide. 2 TFA</p>	$^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 11.27 (s, 1H), 8.31 (s, 1H), 8.10 (d, $J = 9.3$ Hz, 1H), 7.84 (d, $J = 0.9$ Hz, 1H), 7.58 (d, $J = 8.4$ Hz, 1H), 7.38 (dd, $J = 8.9, 16.1$ Hz, 2H), 5.08 - 4.82 (m, 1H), 2.38 (s, 3H), 2.23 - 2.14 (m, 1H), 1.77 - 1.62 (m, 1H), 1.23 - 1.12 (m, 1H); LCMS (electrospray) m/z 351.1 (M+H+).	B
4	 <p>CF_3COOH CF_3COOH (1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide.</p>	$^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$) δ 11.31 (s, 1H), 8.32 (s, 1H), 8.13 (d, $J = 9.2$ Hz, 1H), 7.82 (s, 1H), 7.50 (d, $J = 10.4$ Hz, 1H), 7.39 (d, $J = 9.1$ Hz, 1H), 5.24 - 4.78 (m, 1H), 2.67 - 2.62 (m, 2H), 2.25 - 2.14 (m, 1H), 1.77 - 1.60 (m, 1H), 1.25 - 1.18 (m, 1H), 1.14 (br t, $J = 7.3$ Hz, 3H); LCMS (electrospray) m/z 383.1 (M+H+).	B

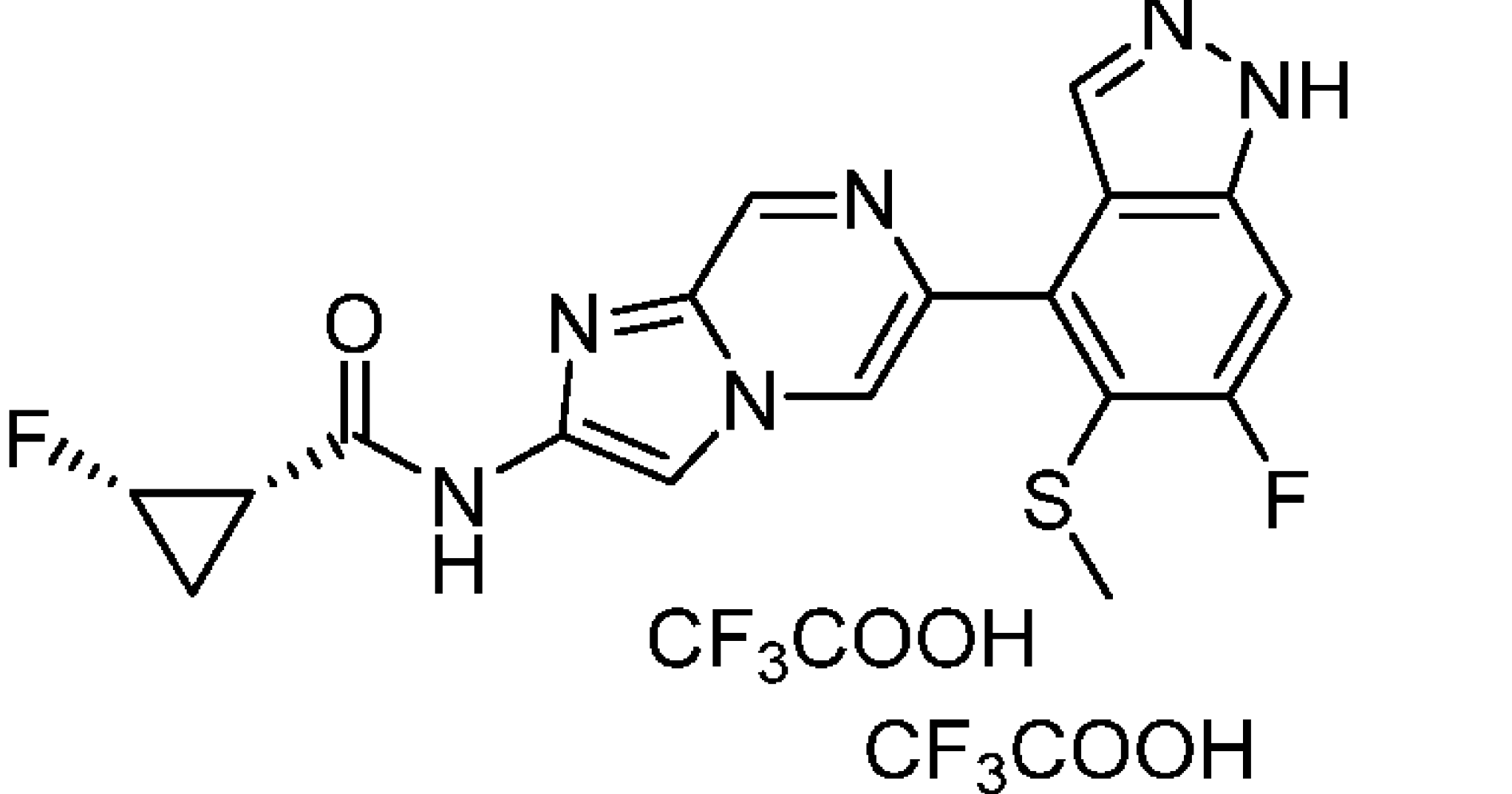
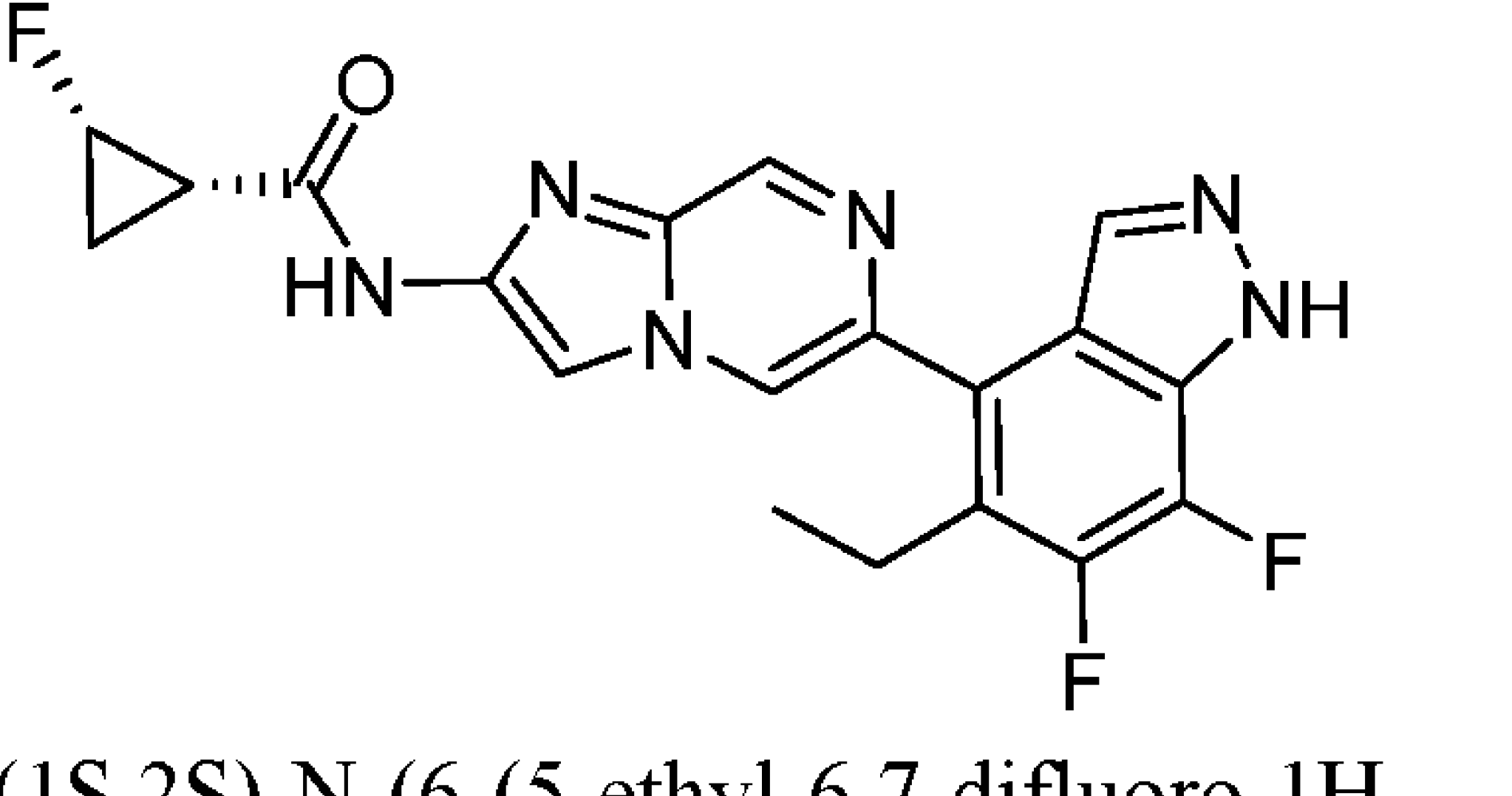
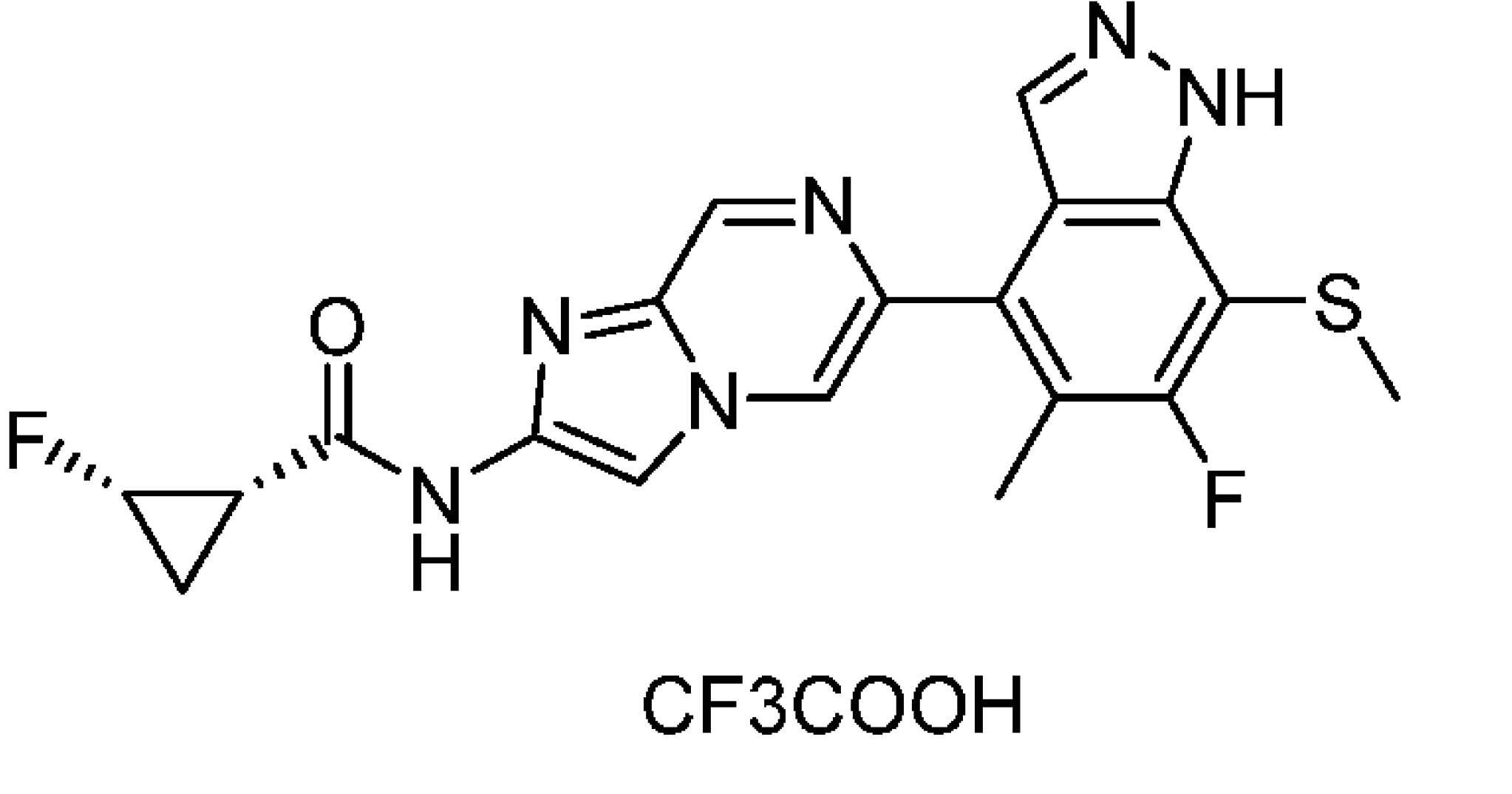
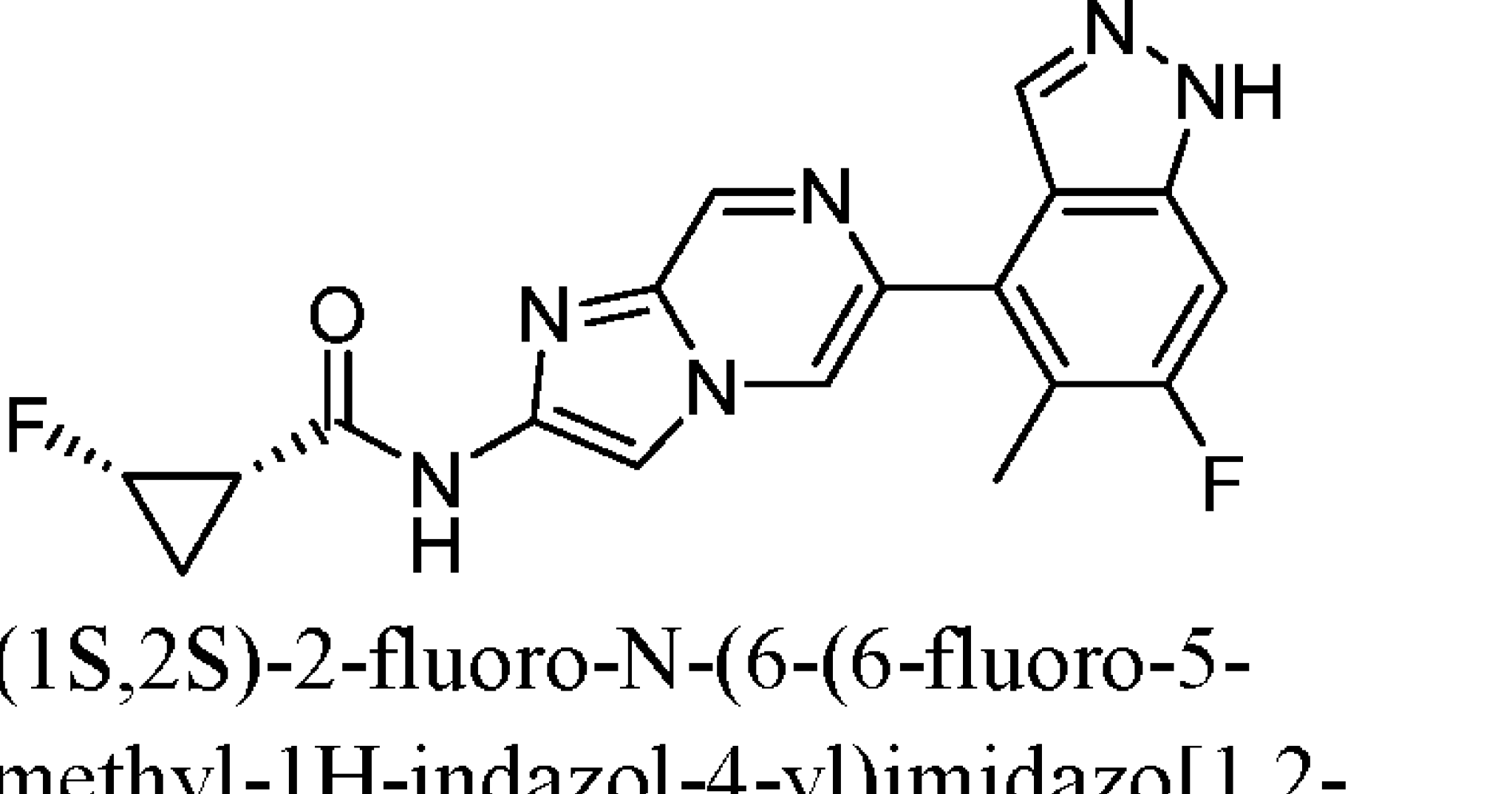
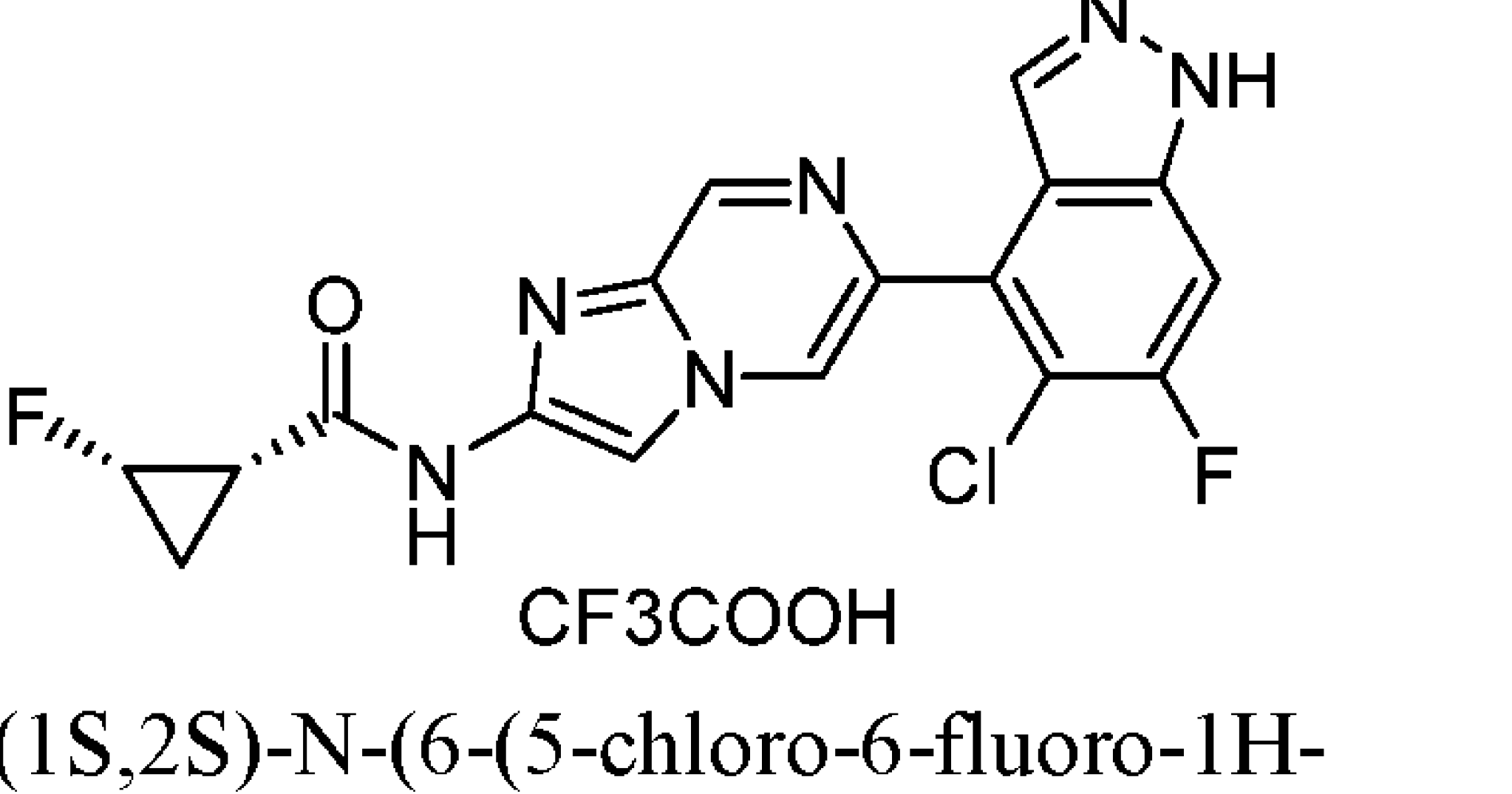
	2 TFA		
5	 <p>CF₃COOH</p> <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.31 (s, 1H), 8.34 (s, 1H), 8.14 (d, J = 9.8 Hz, 1H), 7.88 (d, J = 0.9 Hz, 1H), 7.50 (d, J = 9.9 Hz, 1H), 7.42 (d, J = 9.3 Hz, 1H), 5.13 - 4.83 (m, 1H), 2.27 (d, J = 2.6 Hz, 3H), 2.23 - 2.16 (m, 1H), 1.78 - 1.61 (m, 1H), 1.28 - 1.12 (m, 1H); LCMS (electrospray) m/z 369.1 (M+H) ⁺ .	B
6	 <p>(1S,2S)-N-(6-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.95 (br s, 1H), 11.32 (s, 1H), 8.32 (s, 1H), 8.14 (d, J=9.3 Hz, 1H), 7.95 (br s, 1H), 7.38 (d, J=9.2 Hz, 1H), 5.07 - 4.85 (m, 1H), 2.71 - 2.66 (m, 2H), 2.19 (quin, J=6.9 Hz, 1H), 1.75 - 1.62 (m, 1H), 1.25 - 1.19 (m, 1H), 1.16 (t, J=7.5 Hz, 3H); LCMS(electrospray) m/z 401.1 (M +H ⁺).	B
7	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.27 (br s, 1H), 11.29 (s, 1H), 8.29 (s, 1H), 8.10 (d, J = 9.3 Hz, 1H), 7.79 (br t, J = 4.4 Hz, 1H), 7.35 (d, J = 9.3 Hz, 1H), 5.08 - 4.83 (m, 1H), 2.99 (br d, J = 1.5 Hz, 6H), 2.61 (br d, J = 5.7 Hz, 2H), 2.22 - 2.15 (m, 1H), 1.73 - 1.62 (m, 1H), 1.24 - 1.18 (m, 1H), 1.15 (t, J = 7.4 Hz, 3H); LCMS(electrospray) m/z 426.3 (M+H) ⁺ .	B
8	 <p>(1S,2S)-N-(6-(6,7-difluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.90 (s, 1H), 11.30 (s, 1H), 8.33 (s, 1H), 8.13 (d, J=9.3 Hz, 1H), 8.03 (br s, 1H), 7.40 (d, J=9.2 Hz, 1H), 5.07 - 4.86 (m, 1H), 2.32 (d, J=2.9 Hz, 3H), 2.22 - 2.15 (m, 1H), 1.74 - 1.64 (m, 1H), 1.20 (br dd, J=9.2, 12.3 Hz, 1H); LCMS(electrospray) m/z 387.2 (M +H ⁺).	B
9	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-1H-indazol-4-</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.46 (br s, 1H), 11.29 (s, 1H), 8.23 (s, 1H), 8.12 - 8.10 (m, 1H), 7.92 (s, 1H), 7.63 (d, J = 8.4 Hz, 1H), 7.45 (d, J = 9.3 Hz, 1H), 5.05 - 4.84 (m, 1H), 2.31 (s, 3H), 2.19 (br s, 1H), 1.75 - 1.64 (m, 1H), 1.22 - 1.15 (m, 1H); LCMS(electrospray) m/z 400.9 (M+H) ⁺ .	B

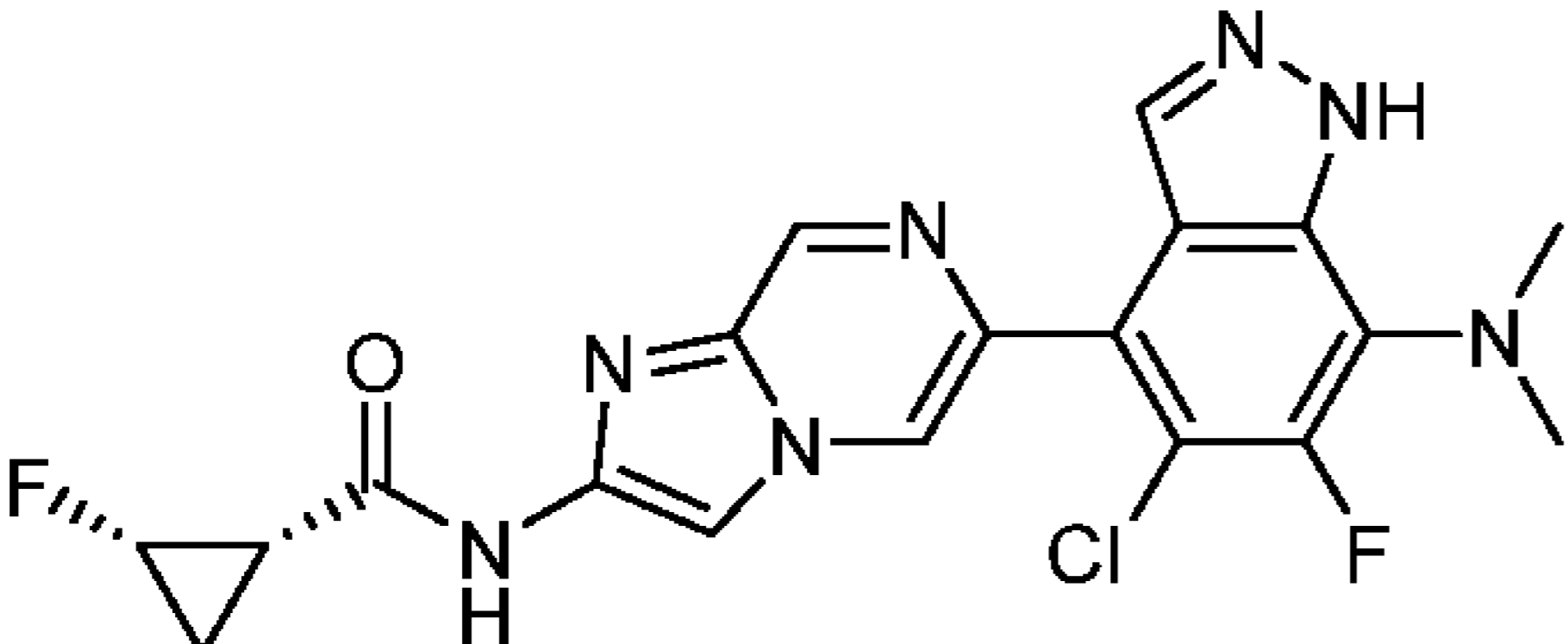
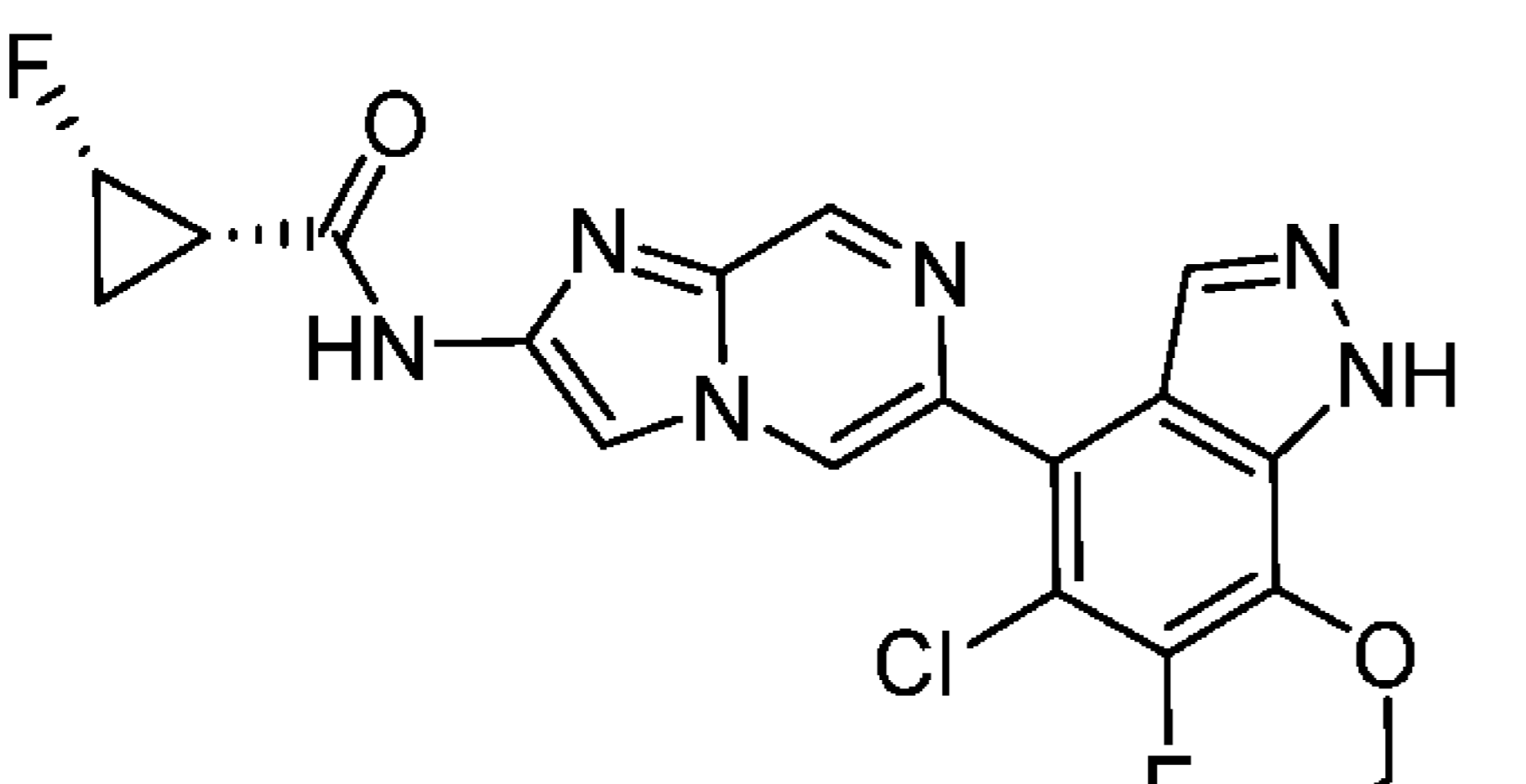
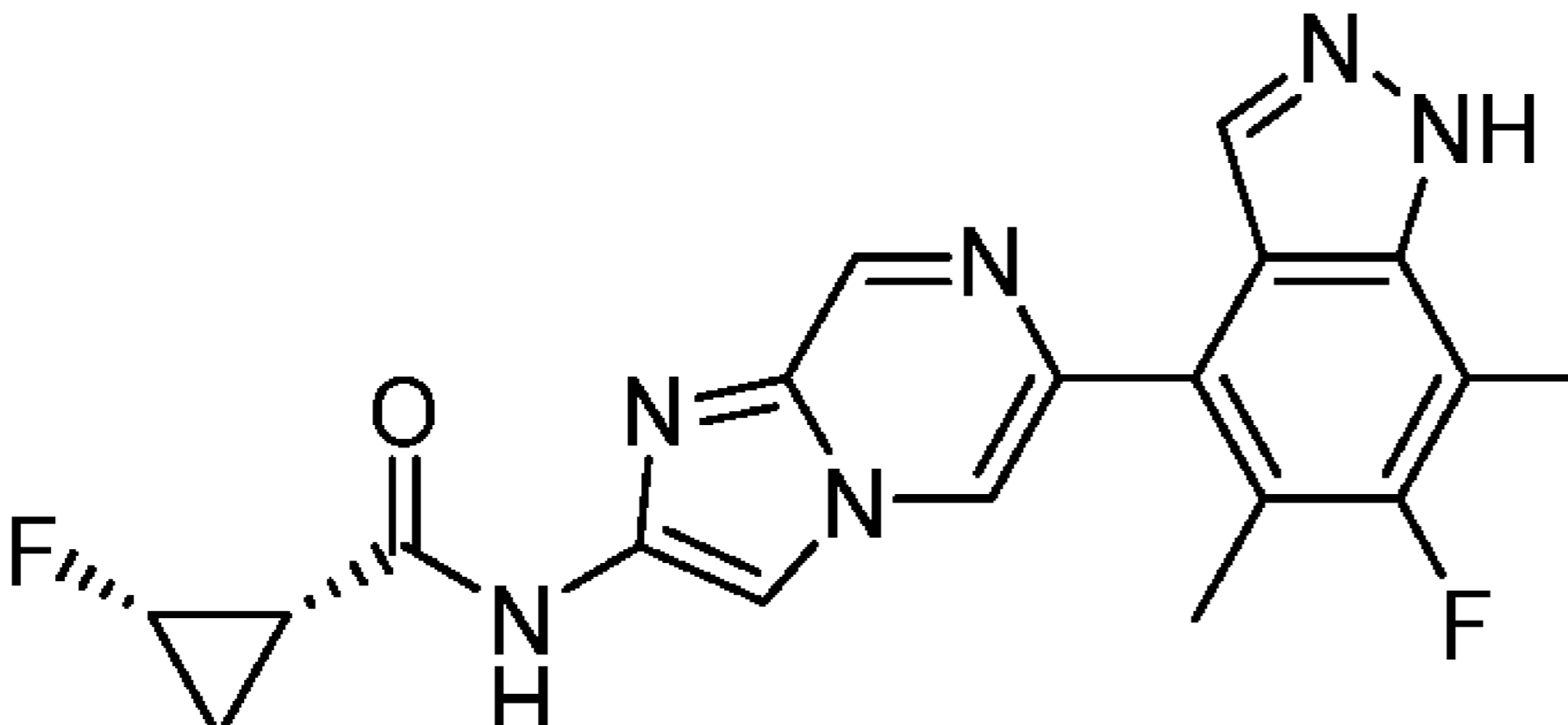
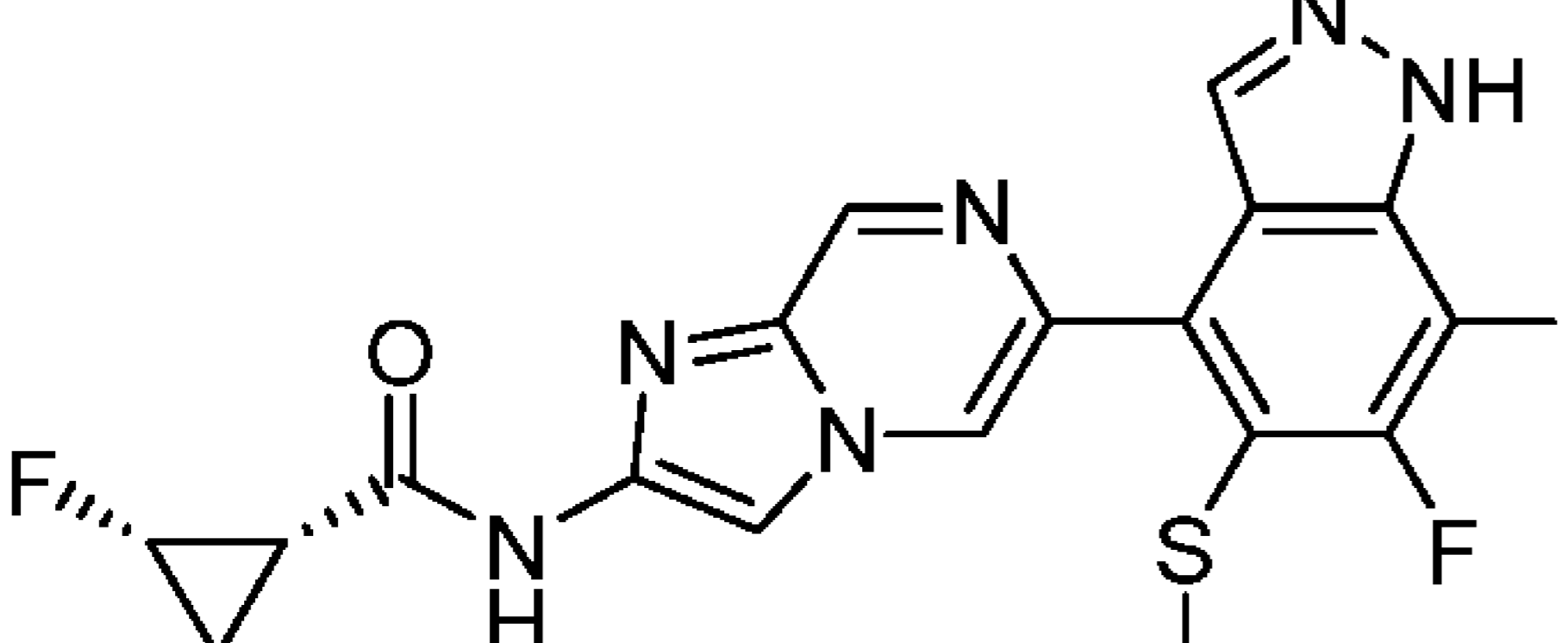
	yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide		
10	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 TFA</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.33 (s, 1H), 8.36 (s, 1H), 8.18 (d, J = 9.3 Hz, 1H), 8.03 (s, 1H), 7.79 (dd, J = 1.0, 9.2 Hz, 1H), 7.52 (d, J = 9.4 Hz, 1H), 5.09 - 4.84 (m, 1H), 2.24 - 2.15 (m, 1H), 1.74 - 1.63 (m, 1H), 1.25 - 1.17 (m, 1H); LCMS(electrospray) m/z 389.3 (M+H ⁺).	B
11	 <p>(1S,2S)-N-(6-(5-amino-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.43 - 11.12 (m, 1H), 8.39 - 8.34 (m, 1H), 8.04 (s, 1H), 7.87 (s, 1H), 7.56 (d, J = 9.4 Hz, 1H), 7.46 - 7.40 (m, 1H), 5.55 - 5.47 (m, 2H), 5.10 - 4.76 (m, 1H), 2.24 (br d, J = 8.9 Hz, 1H), 1.76 - 1.60 (m, 1H), 1.28 - 1.12 (m, 1H); LCMS(electrospray) m/z 370.2(M+H ⁺).	B
12	 <p>(1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.24 (s, 1H), 11.30 (s, 1H), 8.30 (s, 1H), 8.11 (d, J=9.3 Hz, 1H), 7.78 (s, 1H), 7.37 (d, J=9.3 Hz, 1H), 5.11 - 4.82 (m, 1H), 3.24 (br d, J=6.8 Hz, 2H), 2.96 (d, J=2.0 Hz, 3H), 2.62 (br d, J=7.5 Hz, 2H), 2.23 - 2.13 (m, 1H), 1.72 - 1.57 (m, 1H), 1.23 (br s, 1H), 1.14 (t, J=7.4 Hz, 3H), 1.07 (t, J=7.0 Hz, 3H); LCMS(electrospray) m/z 440.2 (M+H ⁺).	B
13	 <p>(1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.58 (br s, 1 H) 11.31 (s, 1 H) 8.31 (s, 1 H) 8.11 (d, J=9.29 Hz, 1 H) 7.85 (s, 1 H) 7.37 (d, J=9.29 Hz, 1 H) 4.84 - 5.06 (m, 1 H) 4.31 - 4.41 (m, 2 H) 2.60 - 2.69 (m, 2 H) 2.18 (dt, J=13.83, 6.82 Hz, 1 H) 1.62 - 1.73 (m, 1 H) 1.40 (t, J=6.96 Hz, 3 H) 1.18 - 1.24 (m, 1 H) 1.15 (t, J=7.34 Hz, 3 H); LCMS(electrospray) m/z 427.1 (M+H ⁺).	B

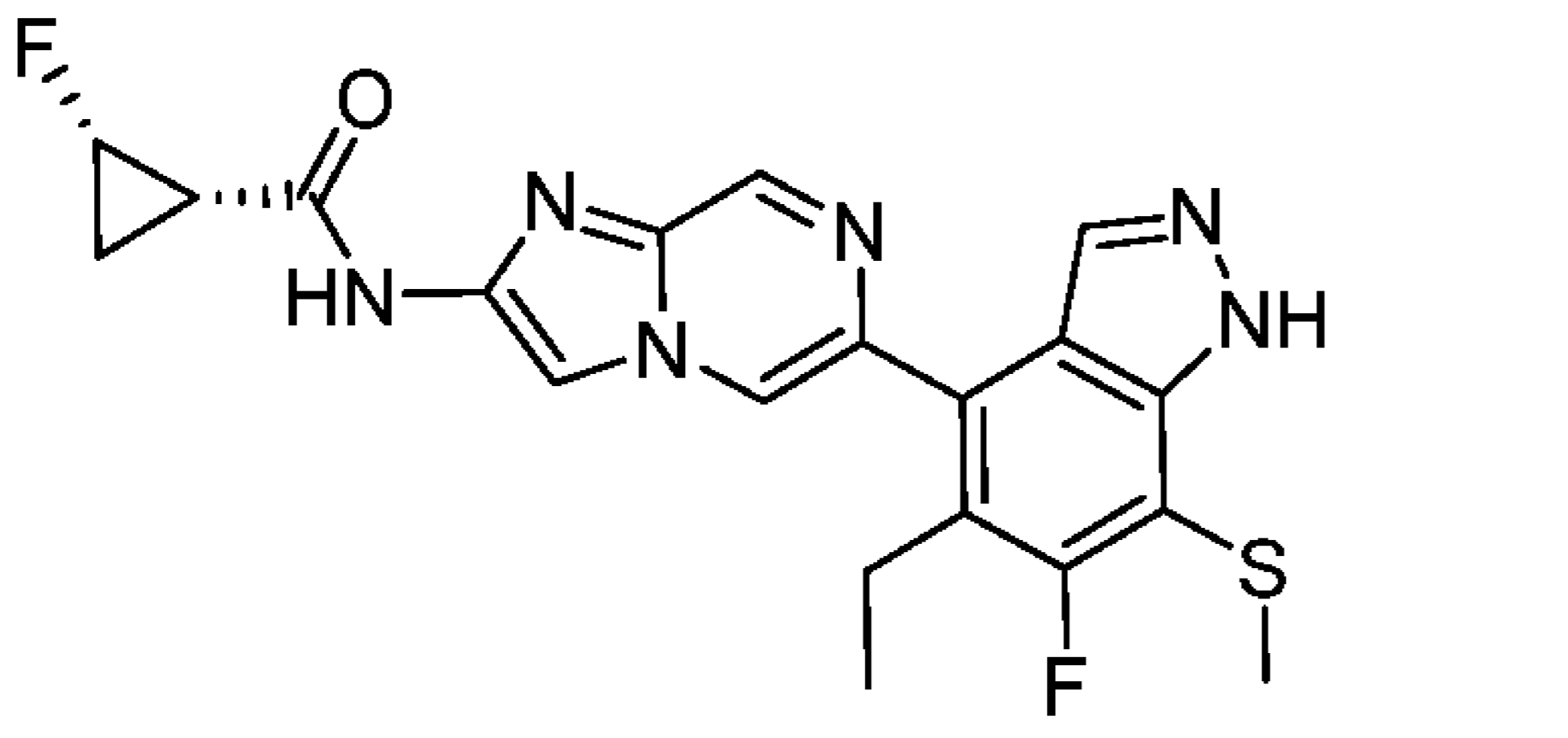
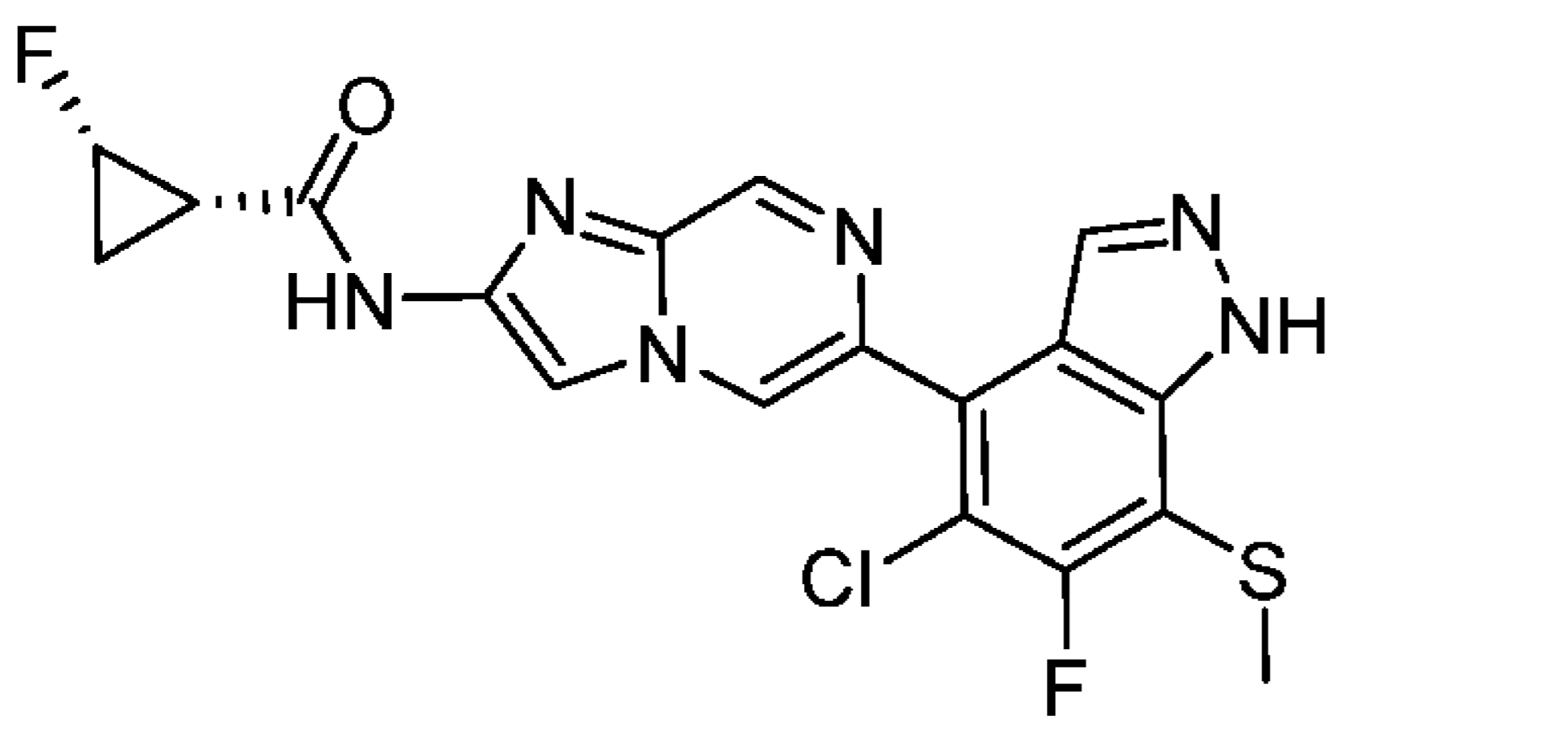
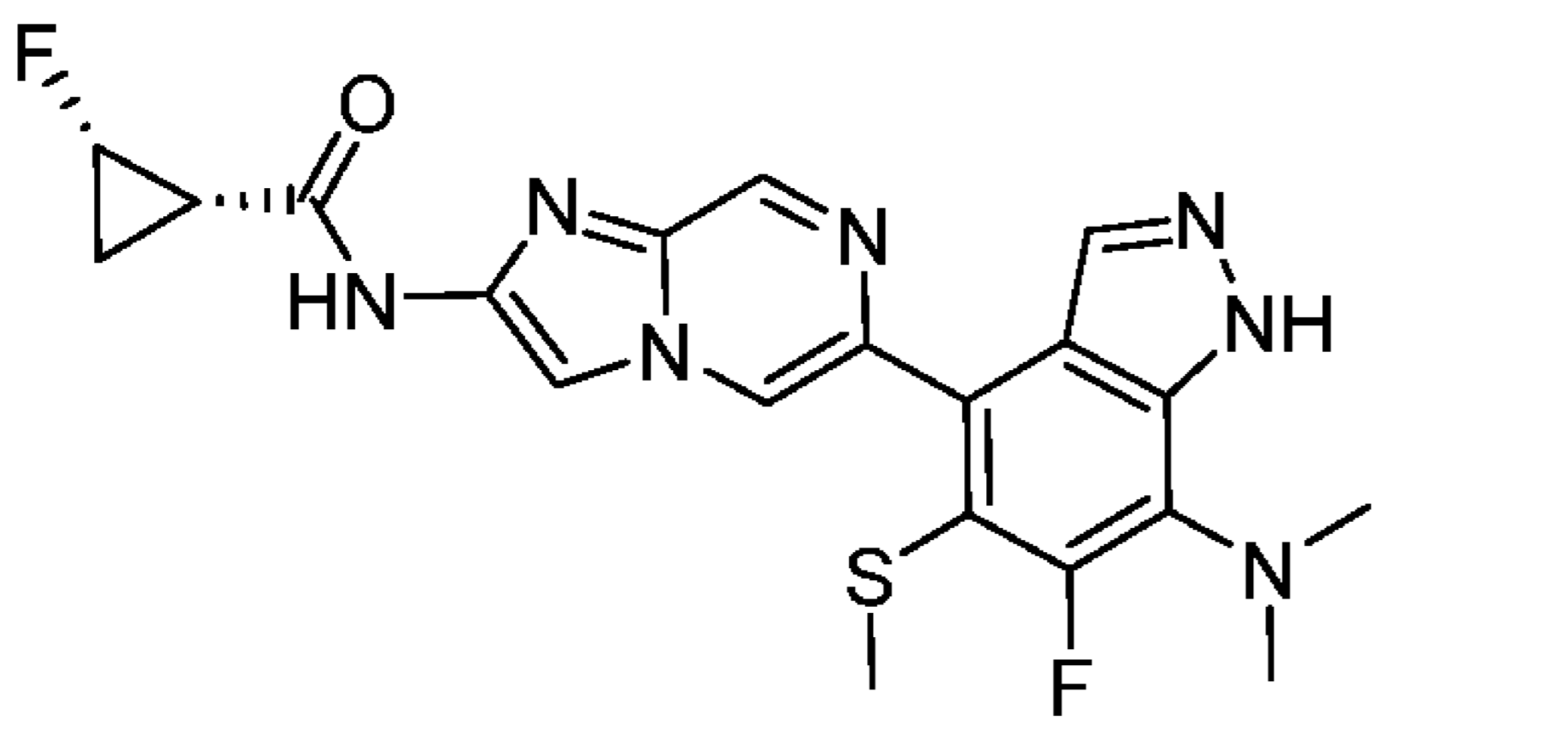
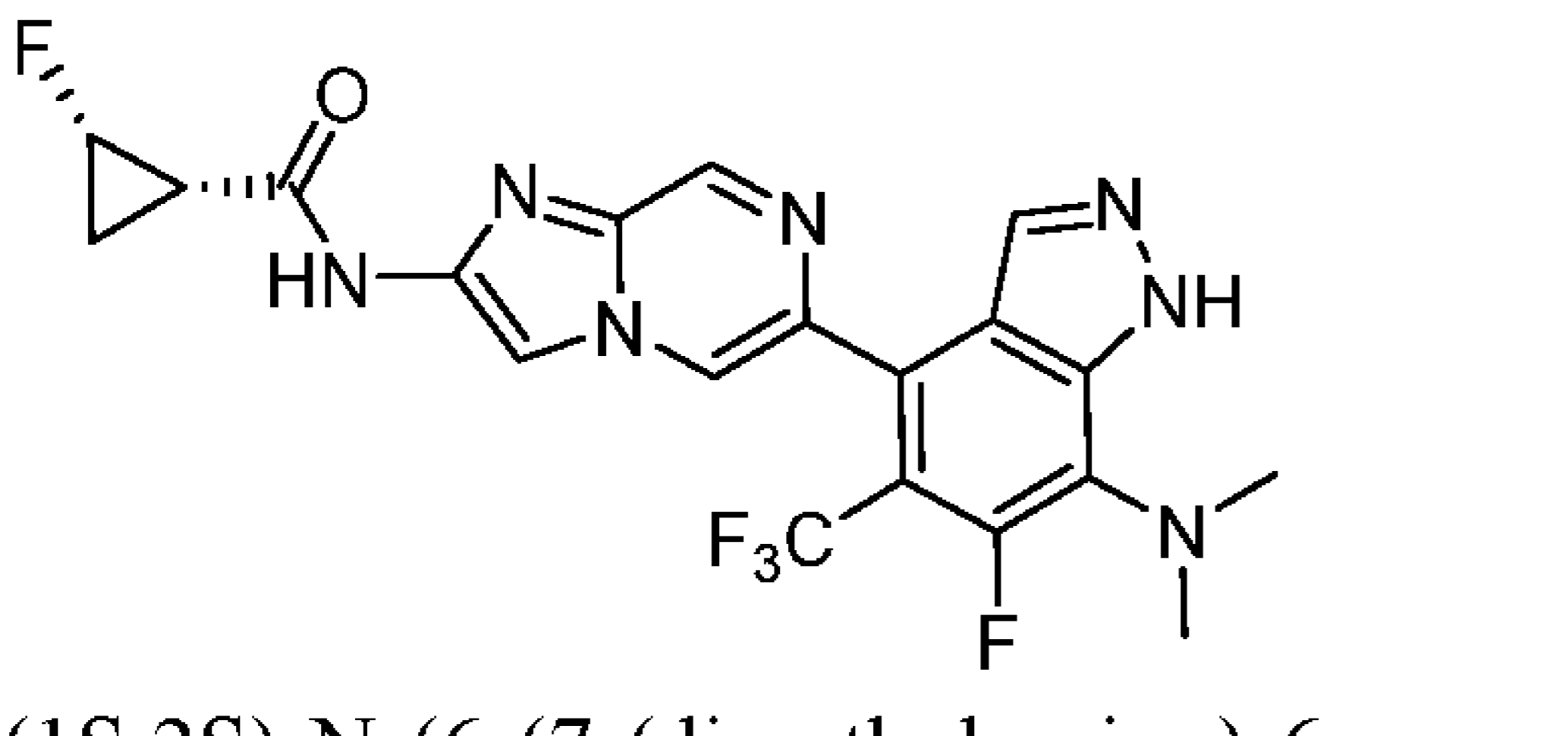
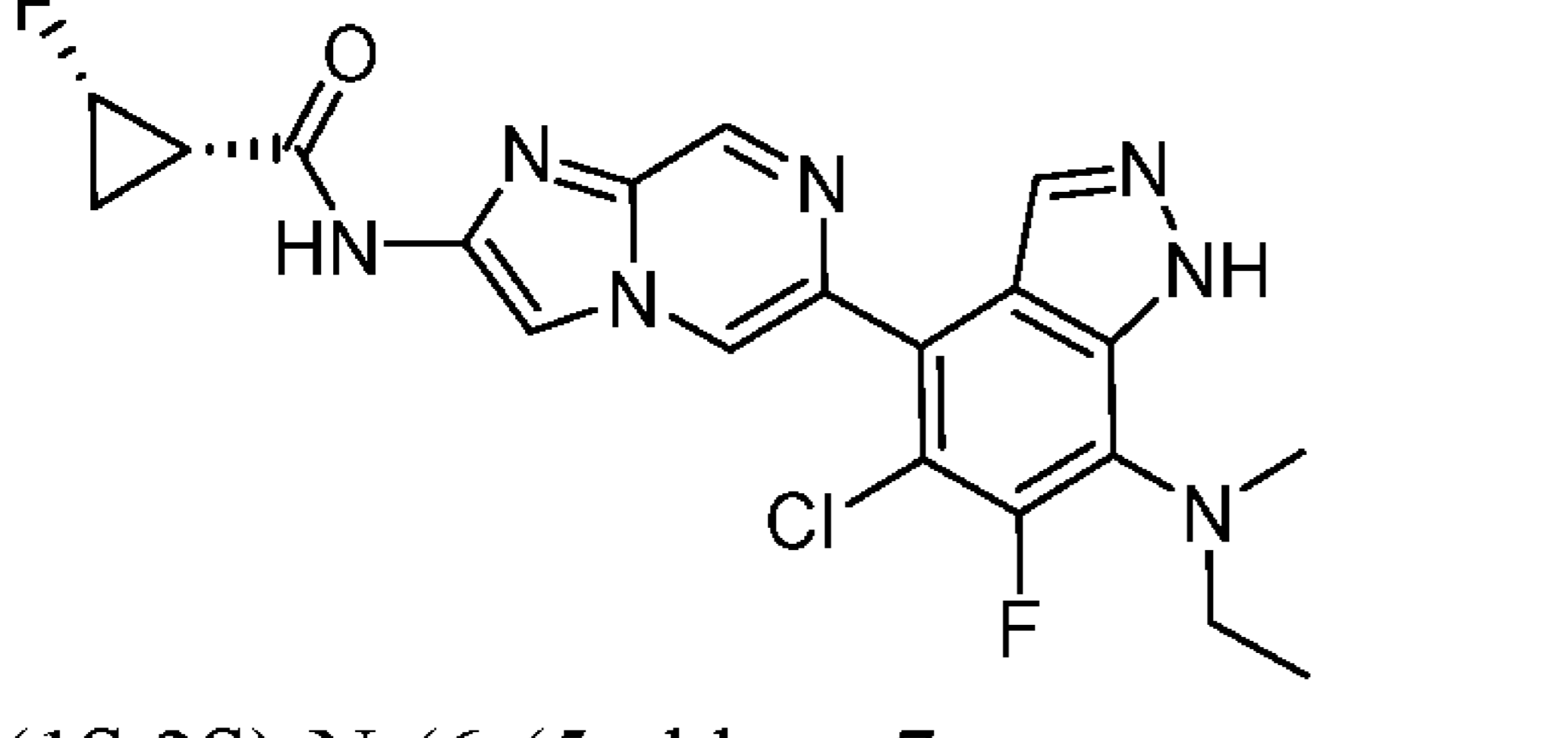
14	 <p>(1S,2S)-N-(6-(5-chloro-7-ethoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, METHANOL-d ₄) δ 8.44 - 8.39 (s, 1H), 8.03 - 7.93 (m, 2H), 7.55 - 7.45 (d, 1H), 4.80 - 4.57 (m, 1H), 4.50 - 4.42 (m, 2H), 4.51 - 4.41 (m, 2H), 2.17 - 2.07 (m, 1H), 1.83 - 1.71 (m, 1H), 1.51 - 1.44 (t, 3H), 1.23 - 1.15 (m, 1H); LCMS(electrospray) m/z 433.2 (M+H ⁺).	B
15	 <p>(1S,2S)-N-(6-(5-chloro-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.36 - 11.29 (s, 1H), 8.39 - 8.31 (s, 1H), 8.19 - 8.09 (d, 1H), 8.03 - 7.98 (s, 1H), 7.54 - 7.46 (d, 1H), 5.13 - 4.86 (dm, 1H), 3.06 - 2.98 (s, 3H), 2.24 - 2.16 (m, 1H), 1.77 - 1.62 (m, 1H), 1.23 - 1.16 (m, 1H), 1.13 - 1.08 (t, 3H); LCMS(electrospray) m/z 433.2 (M+H ⁺).	B
16	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.17 (s, 1H), 11.36 - 11.21 (m, 1H), 8.33 - 8.28 (m, 1H), 8.12 (s, 1H), 7.84 (s, 1H), 7.40 - 7.34 (m, 1H), 5.10 - 4.84 (m, 1H), 2.98 (d, J = 1.7 Hz, 6H), 2.24 (d, J = 3.4 Hz, 3H), 2.22 - 2.13 (m, 1H), 1.77 - 1.60 (m, 1H), 1.29 - 1.12 (m, 1H); LCMS(electrospray) m/z 412.1(M+H ⁺).	B
17	 <p>(1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.54 (br s, 1H), 11.30 (s, 1H), 8.32 (s, 1H), 8.11 (d, J = 9.3 Hz, 1H), 7.89 (s, 1H), 7.39 (d, J = 9.3 Hz, 1H), 5.07 - 4.85 (m, 1H), 4.34 (br d, J = 7.0 Hz, 2H), 2.27 (d, J = 2.9 Hz, 3H), 2.18 (br s, 1H), 1.74 - 1.62 (m, 1H), 1.39 (t, J = 7.0 Hz, 3H), 1.26 - 1.16 (m, 1H); LCMS(electrospray) m/z 418.1 (M+H ⁺).	B
18	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.79 (br s, 1H), 11.32 (s, 1H), 8.29 (s, 1H), 8.12 (d, J = 9.3 Hz, 1H), 7.90 (s, 1H), 7.36 (d, J = 9.3 Hz, 1H), 5.09 - 4.78 (m, 1H), 3.04 (br s, 6H), 2.23 - 2.09 (m, 1H), 1.75 - 1.60 (m, 1H), 1.27 - 1.12 (m, 1H); LCMS(electrospray) m/z 466.1(M+H ⁺).	B

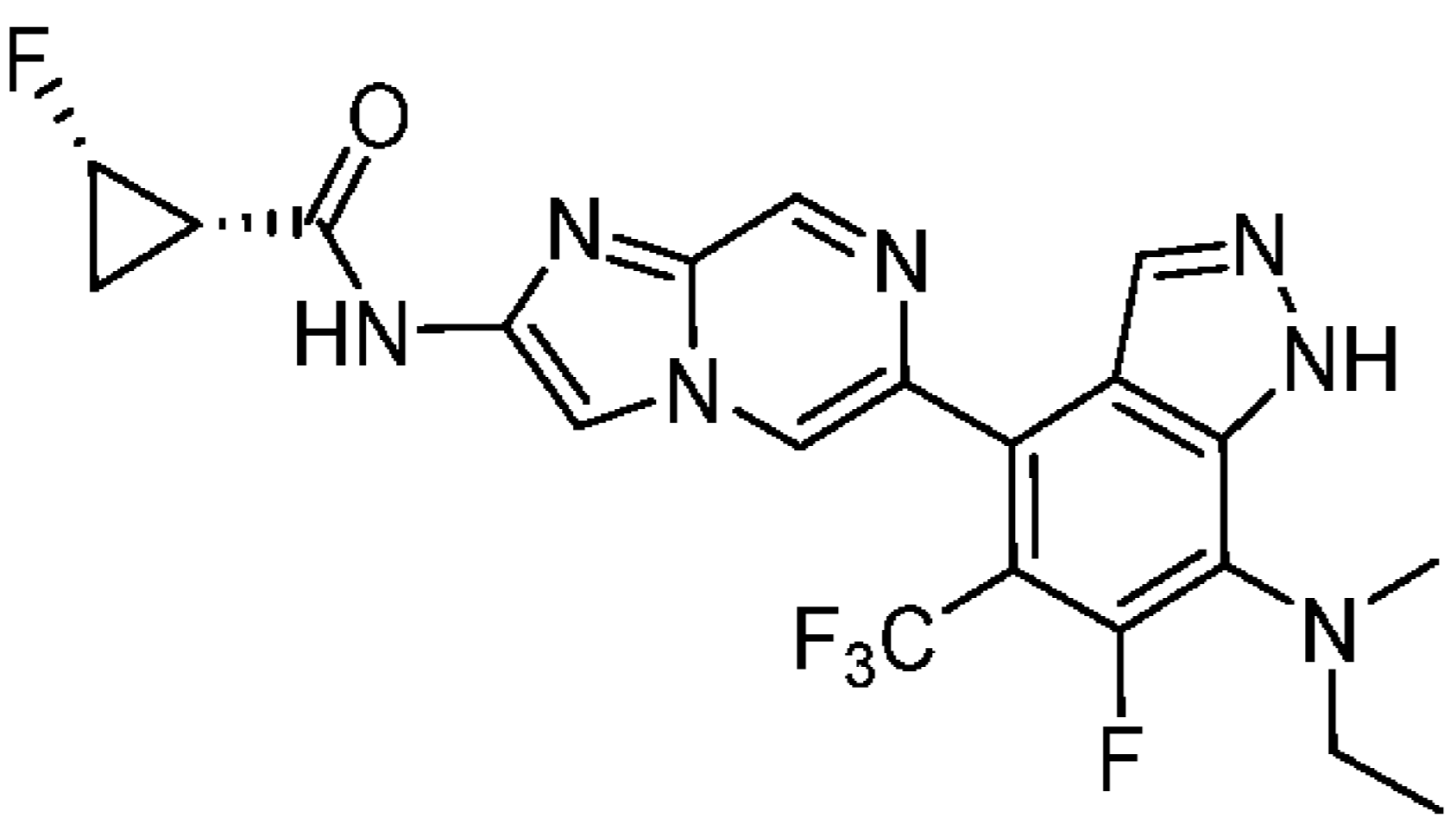
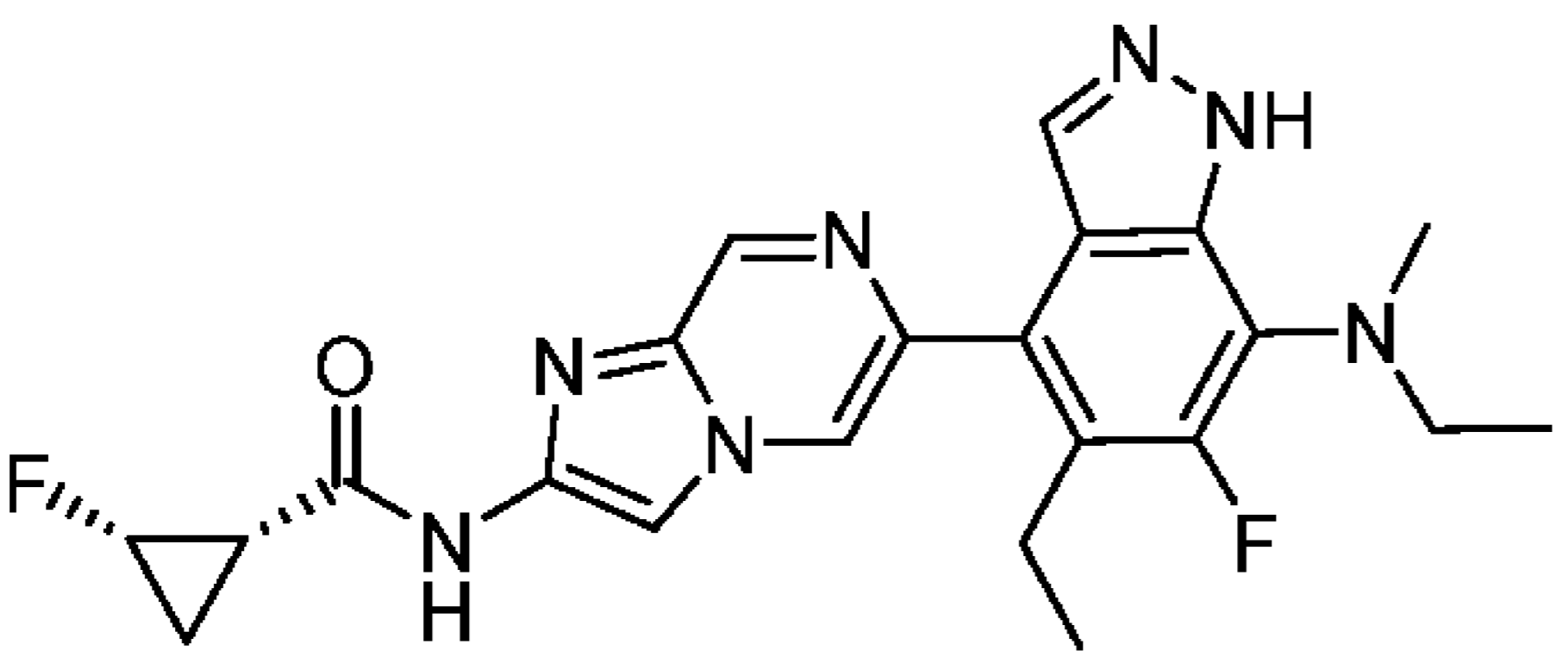
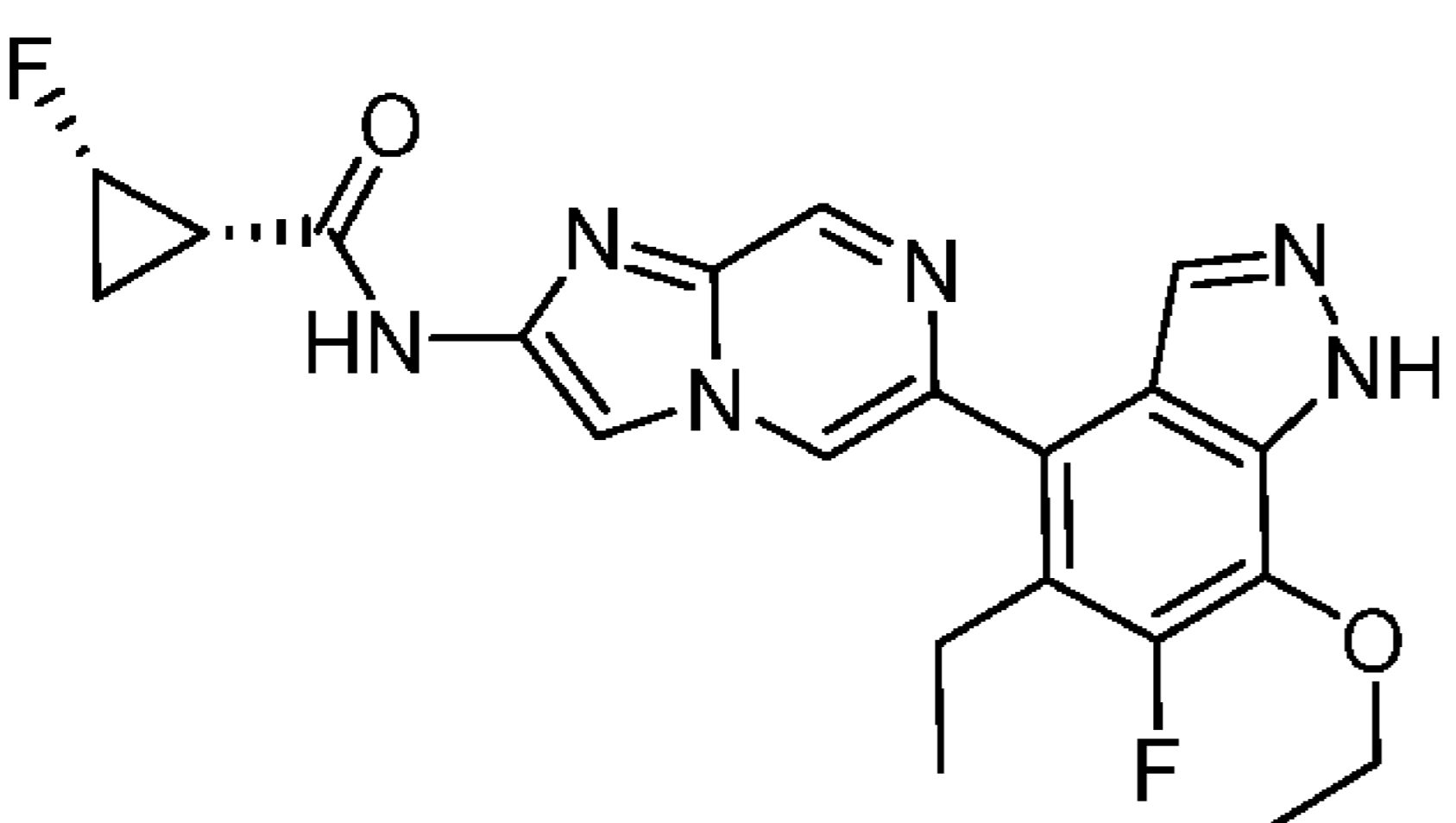
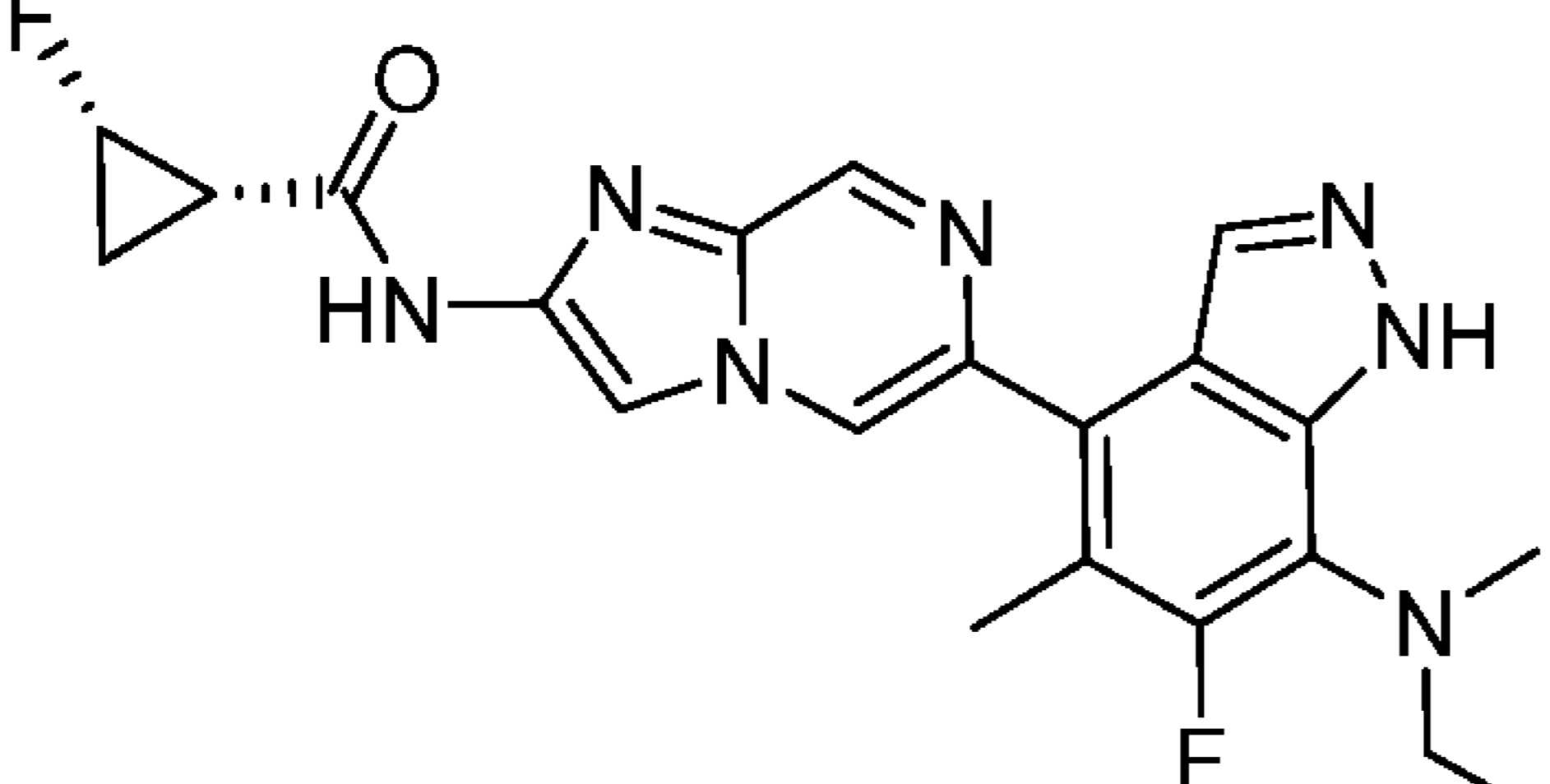
19	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.94 - 13.79 (m, 1H), 11.39 - 11.28 (m, 1H), 8.36 (s, 1H), 8.17 (d, J = 9.3 Hz, 1H), 8.14 - 8.08 (m, 1H), 7.55 - 7.49 (m, 1H), 5.08 - 4.85 (m, 1H), 2.60 (s, 3H), 2.25 - 2.14 (m, 1H), 1.76 - 1.62 (m, 1H), 1.28 - 1.14 (m, 1H); LCMS(electrospray) m/z 435.1(M +H ⁺).	B
20	 <p>(1S,2S)-N-(6-(6,7-difluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.18 (s, 1H), 11.28 (s, 1H), 8.32 (s, 1H), 8.12 - 8.08 (m, 2H), 7.45 - 7.43 (m, 1H), 5.06 - 4.85 (m, 1H), 2.35 (s, 3H), 2.19 - 2.17 (m, 1H), 1.72 - 1.65 (m, 1H), 1.23 - 1.17 (m, 1H); LCMS(electrospray) m/z 419.0 (M +H ⁺).	B
21	 <p>(1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 (br s, 1H), 11.31 (s, 1H), 8.33 (s, 1H), 8.13 (br d, J = 9.4 Hz, 1H), 7.98 (br s, 1H), 7.47 (d, J = 9.3 Hz, 1H), 5.07 - 4.84 (m, 1H), 3.03 (br s, 6H), 2.23 - 2.14 (m, 1H), 1.74 - 1.62 (m, 1H), 1.25 - 1.14 (m, 1H); LCMS(electrospray) m/z 432.1 (M +H ⁺).	B
22	 <p>(1S,2S)-N-(6-(5-chloro-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.27 (br s, 1H), 11.33 (s, 1H), 8.36 (s, 1H), 8.19 (s, 1H), 8.18 - 8.15 (m, 1H), 7.50 (d, J = 9.3 Hz, 1H), 5.07 - 4.85 (m, 1H), 2.24 - 2.15 (m, 1H), 1.76 - 1.61 (m, 1H), 1.25 - 1.14 (m, 1H); LCMS(electrospray) m/z 406.8 (M+H ⁺).	B
23	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.84 (br s, 1H), 11.34 (s, 1H), 8.36 (s, 1H), 8.17 (d, J = 9.2 Hz, 1H), 8.09 (s, 1H), 7.53 (d, J = 9.2 Hz, 1H), 5.05 - 4.86 (m, 1H), 2.59 (s, 3H), 2.24 - 2.15 (m, 1H), 1.71 - 1.61 (m, 1H), 1.20 - 1.17 (m, 1H); LCMS(electrospray) m/z 435.0 (M+H ⁺).	B

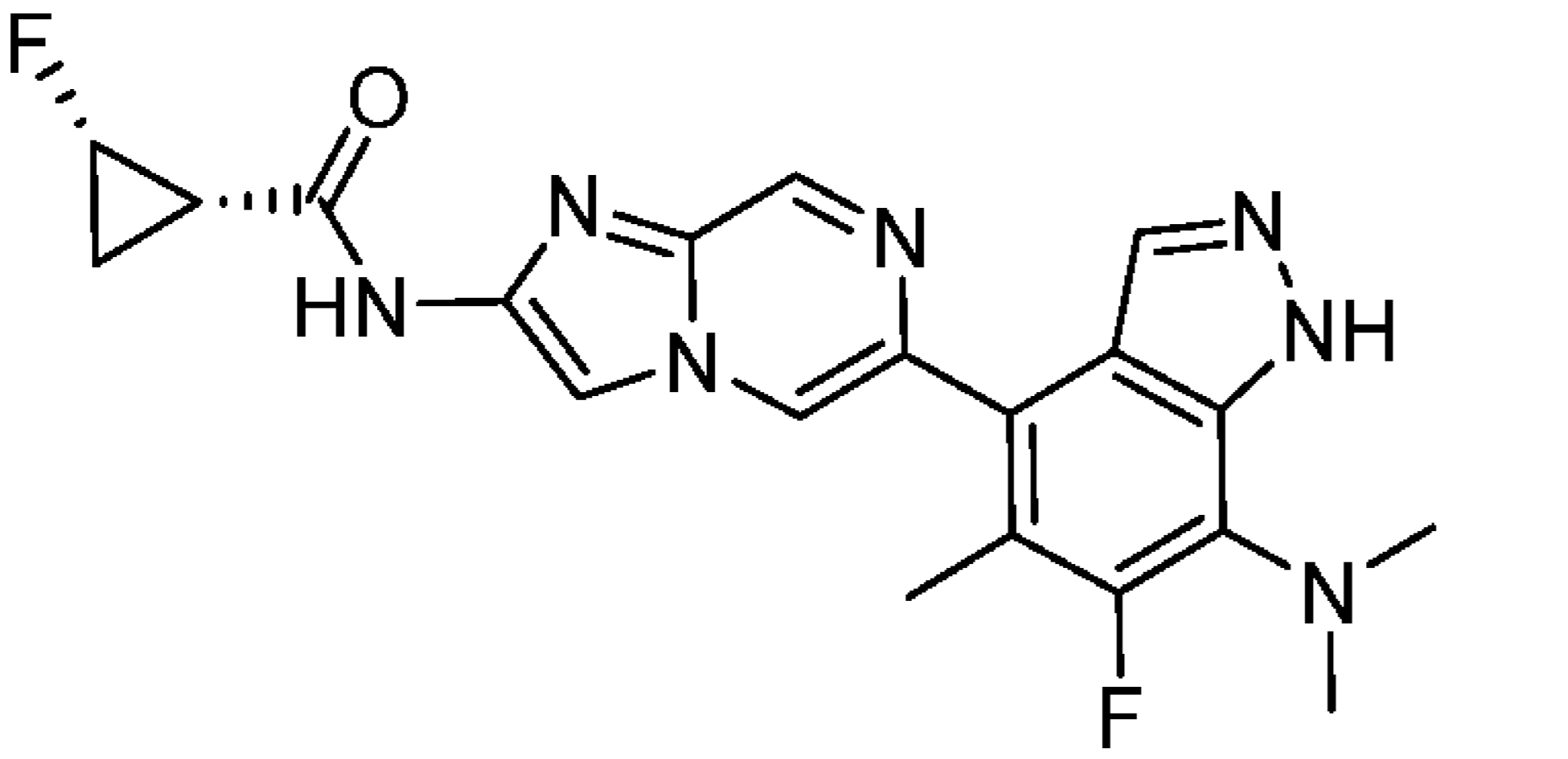
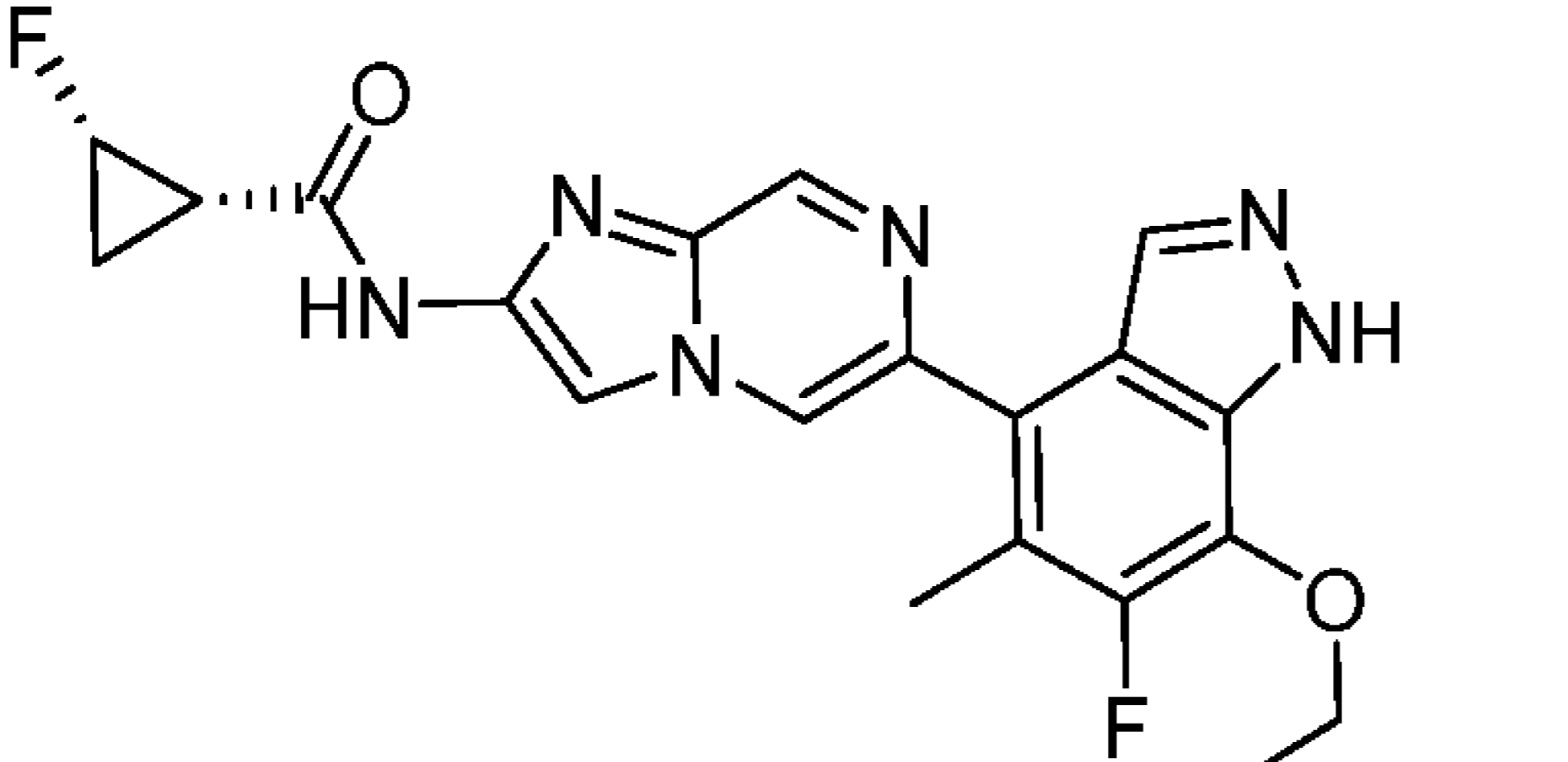
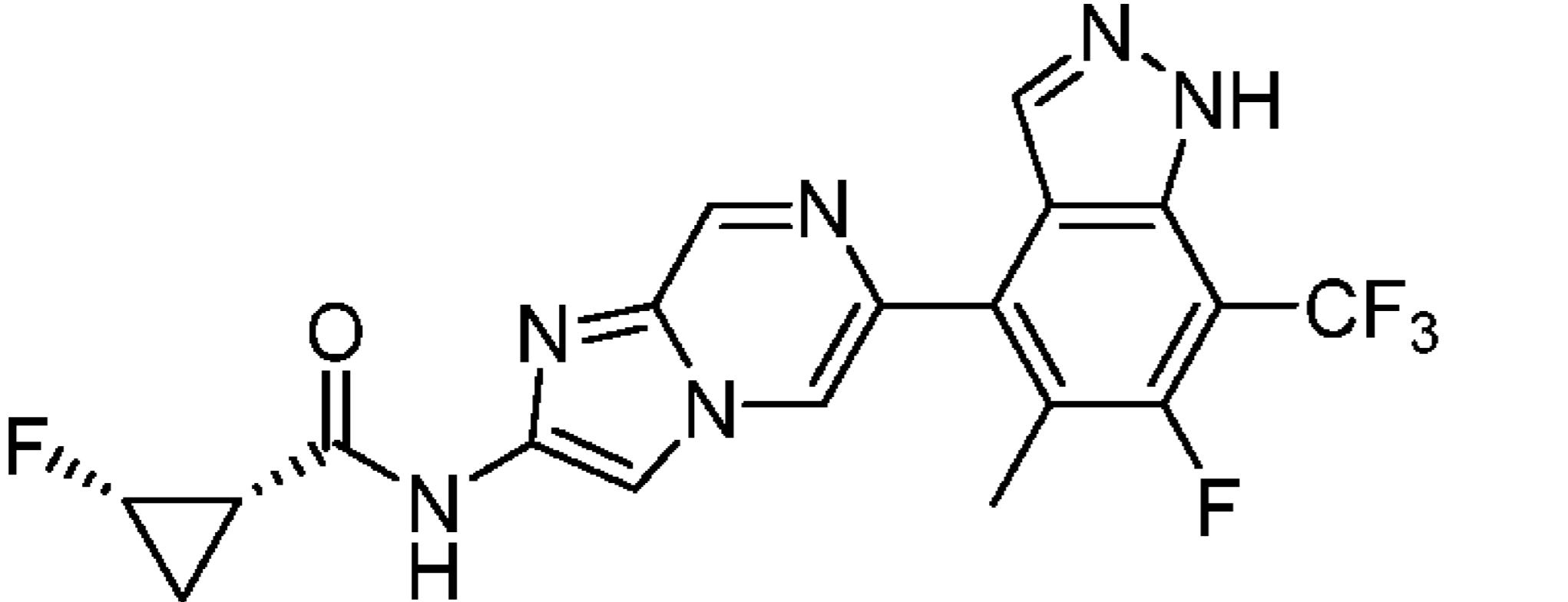
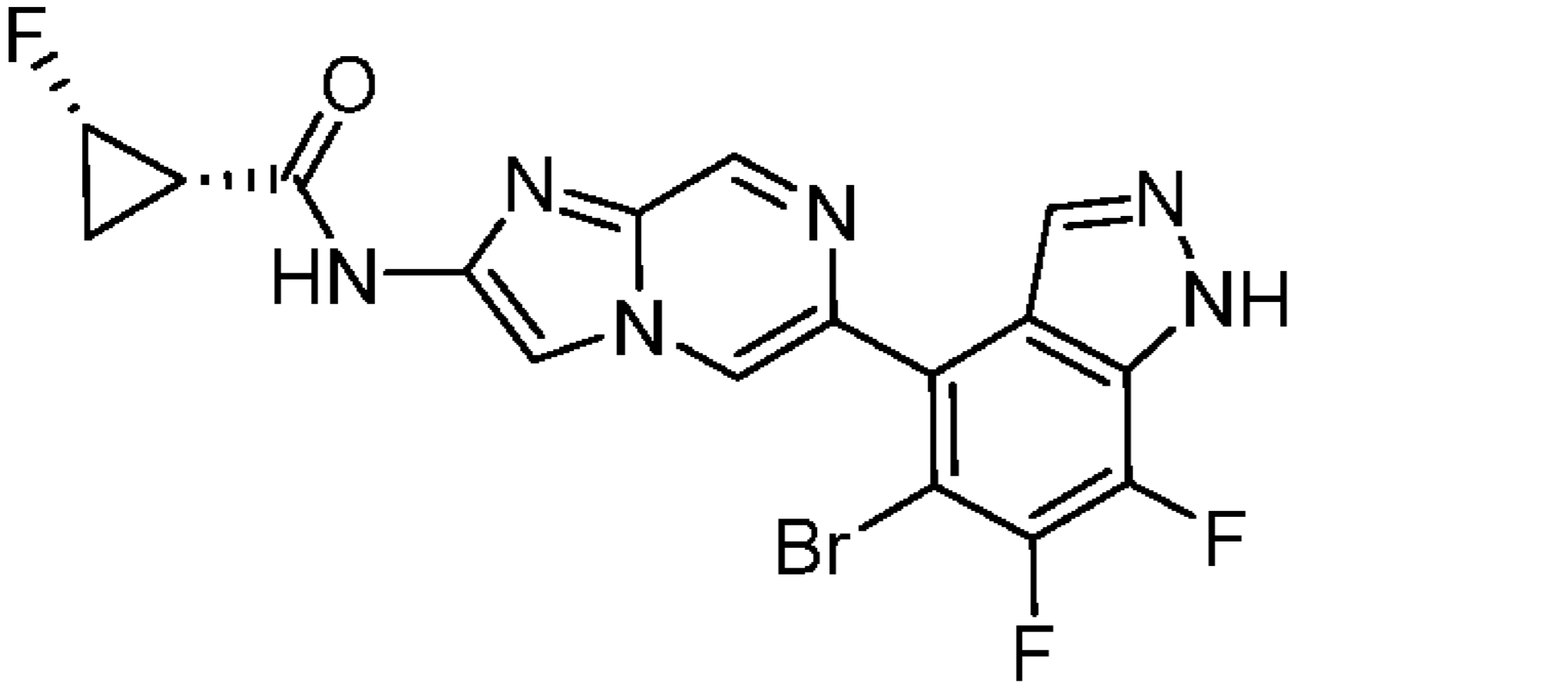
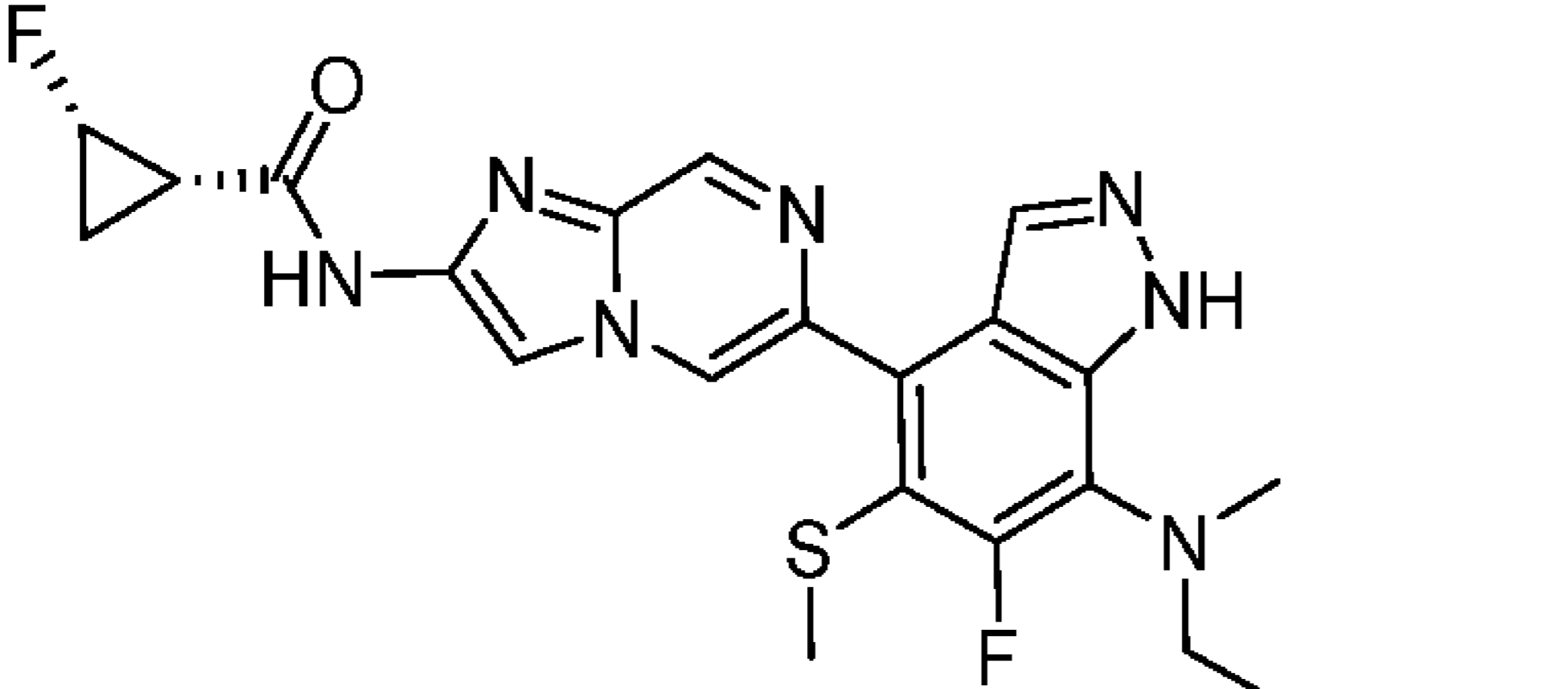
24	 <p>CF₃COOH CF₃COOH</p> <p>(1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 2 TFA</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.48 - 11.28 (m, 1H), 9.06 (s, 1H), 8.83 (d, J = 1.3 Hz, 1H), 8.36 (s, 1H), 7.91 (d, J = 0.9 Hz, 1H), 7.52 (d, J = 8.3 Hz, 1H), 7.33 (d, J = 8.6 Hz, 1H), 5.15 - 4.79 (m, 1H), 2.43 - 2.35 (m, 3H), 2.26 - 2.14 (m, 1H), 1.78 - 1.62 (m, 1H), 1.37 - 1.06 (m, 1H); LCMS (electrospray) m/z 351.1 (M+H) ⁺ .	C
25	 <p>CF₃COOH CF₃COOH</p> <p>(1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 2 TFA</p>	¹ H NMR (400 MHz, METHANOL-d ₄) δ 8.99 (s, 1H), 8.71 (s, 1H), 8.42 (s, 1H), 7.83 (s, 1H), 7.36 (d, J=10.4 Hz, 1H), 5.00 - 4.97 (m, 1H), 2.76 - 2.72 (m, 2H), 2.16 - 2.15 (m, 1H), 1.86 - 1.79 (m, 1H), 1.26 - 1.24 (m, 1H), 1.19 - 1.16 (m, 3H); LCMS (electrospray) m/z 383.1 (M+H) ⁺ .	D
26	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.15 (br s, 1H), 11.35 (s, 1H), 9.01 (d, J = 0.6 Hz, 1H), 8.76 (d, J = 1.3 Hz, 1H), 8.35 (s, 1H), 7.83 (s, 1H), 5.08 - 4.84 (m, 1H), 2.97 (br d, J = 1.1 Hz, 6H), 2.64 (br dd, J = 2.0, 7.4 Hz, 2H), 2.23 - 2.15 (m, 1H), 1.74 - 1.63 (m, 1H), 1.24 - 1.17 (m, 1H), 1.12 (t, J = 7.3 Hz, 3H); LCMS (electrospray) m/z 426.4 (M+H) ⁺ .	D
27	 <p>HCl HCl</p> <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5,7-bis(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 2 HCl</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.39 (s, 1H), 9.04 (s, 1H), 8.89 (d, J = 1.5 Hz, 1H), 8.38 (s, 1H), 8.03 (s, 1H), 5.10 - 4.78 (m, 1H), 2.56 (s, 3H), 2.31 - 2.27 (m, 3H), 2.26 - 2.14 (m, 1H), 1.74 - 1.63 (m, 1H), 1.25 - 1.17 (m, 1H); LCMS (electrospray) m/z 447.1 (M+H) ⁺ .	D

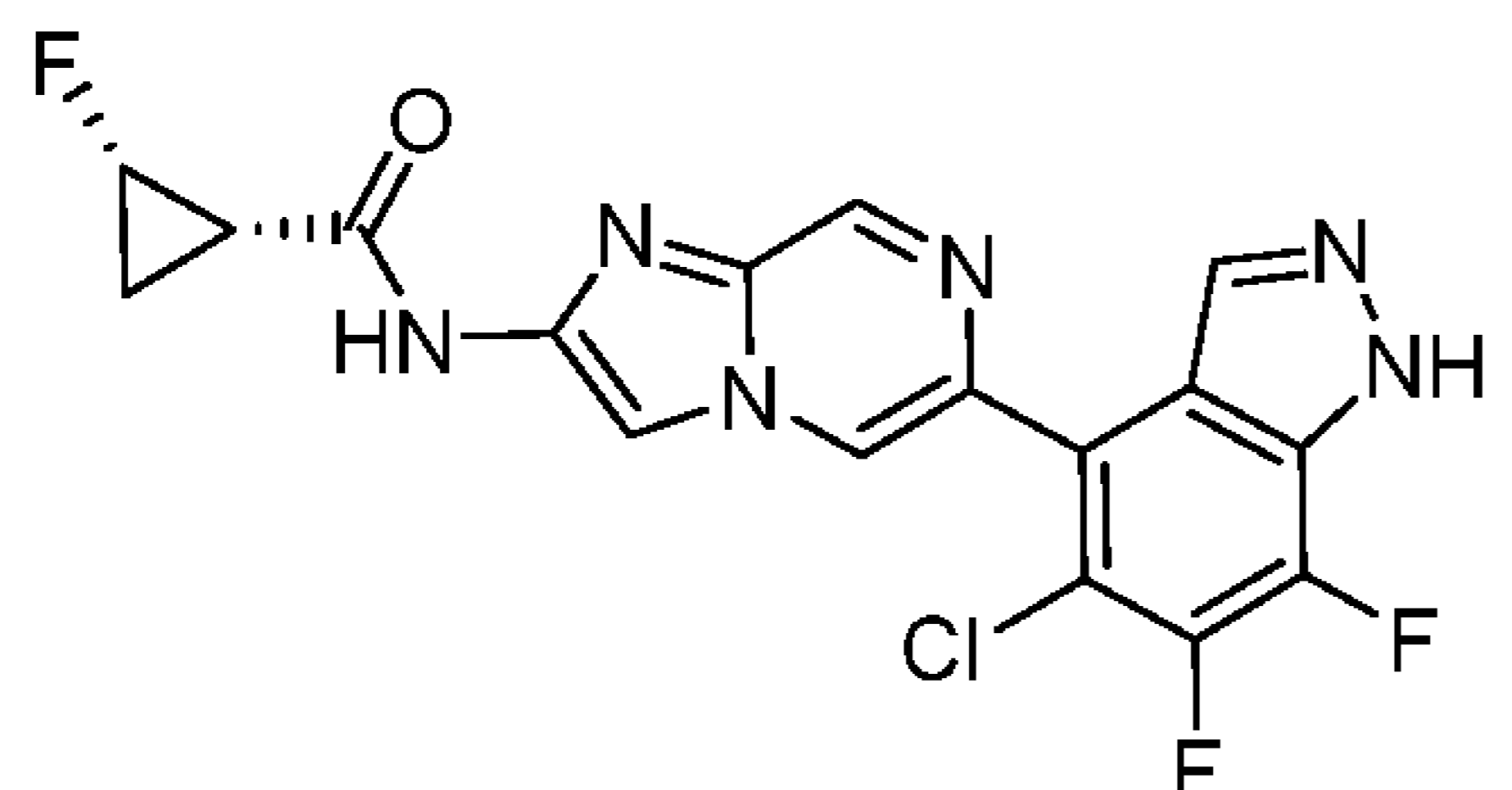
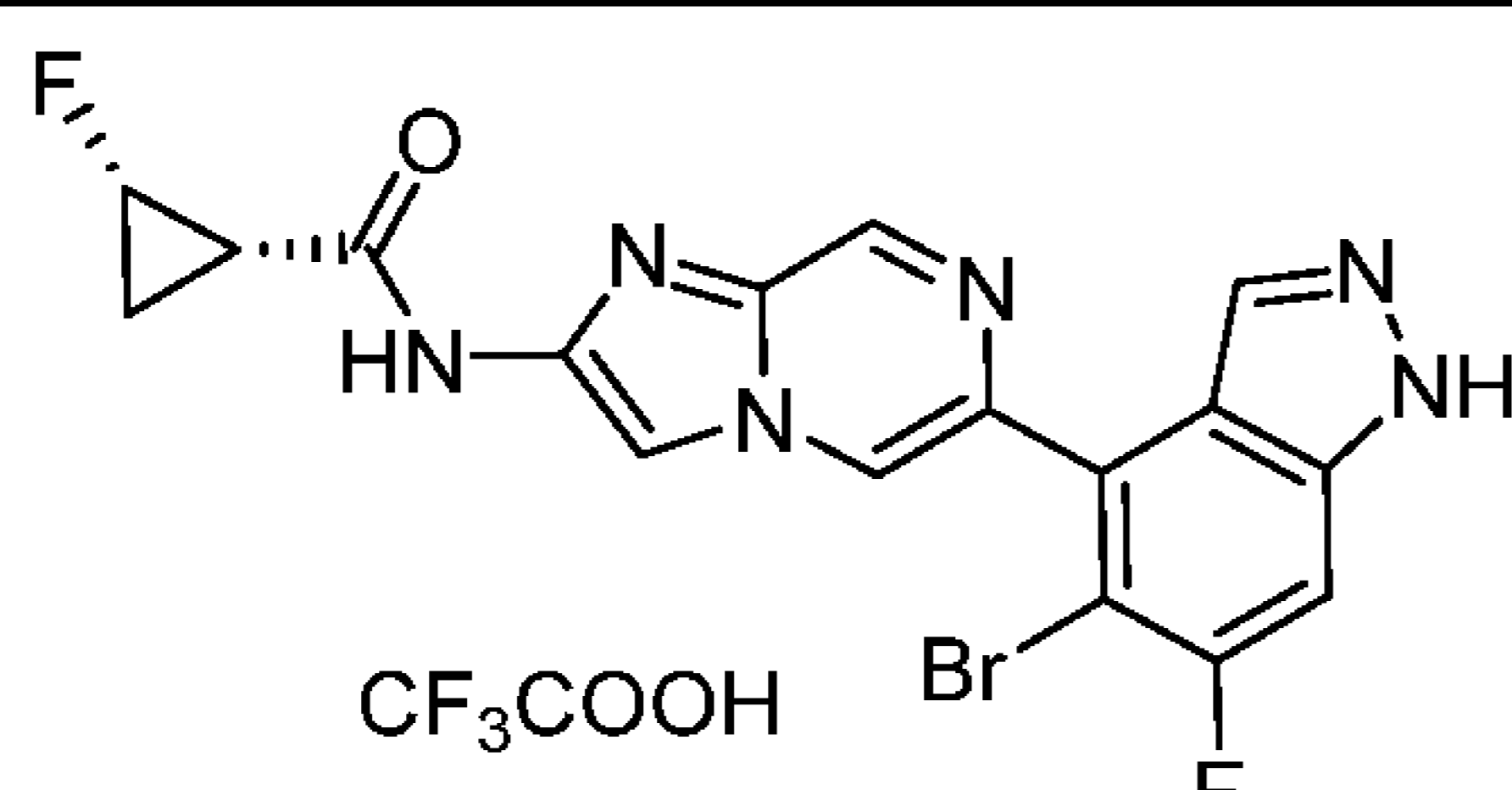
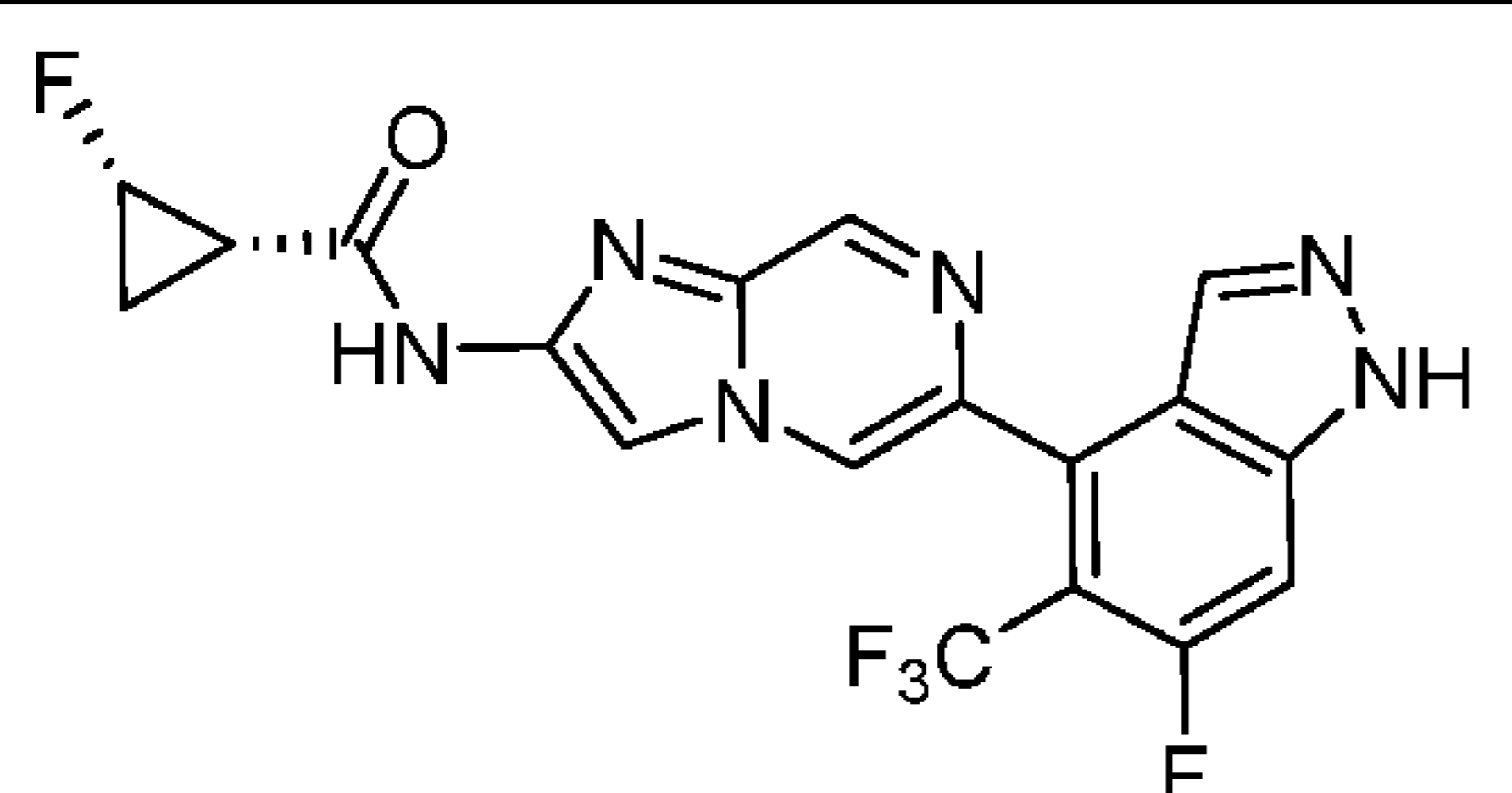
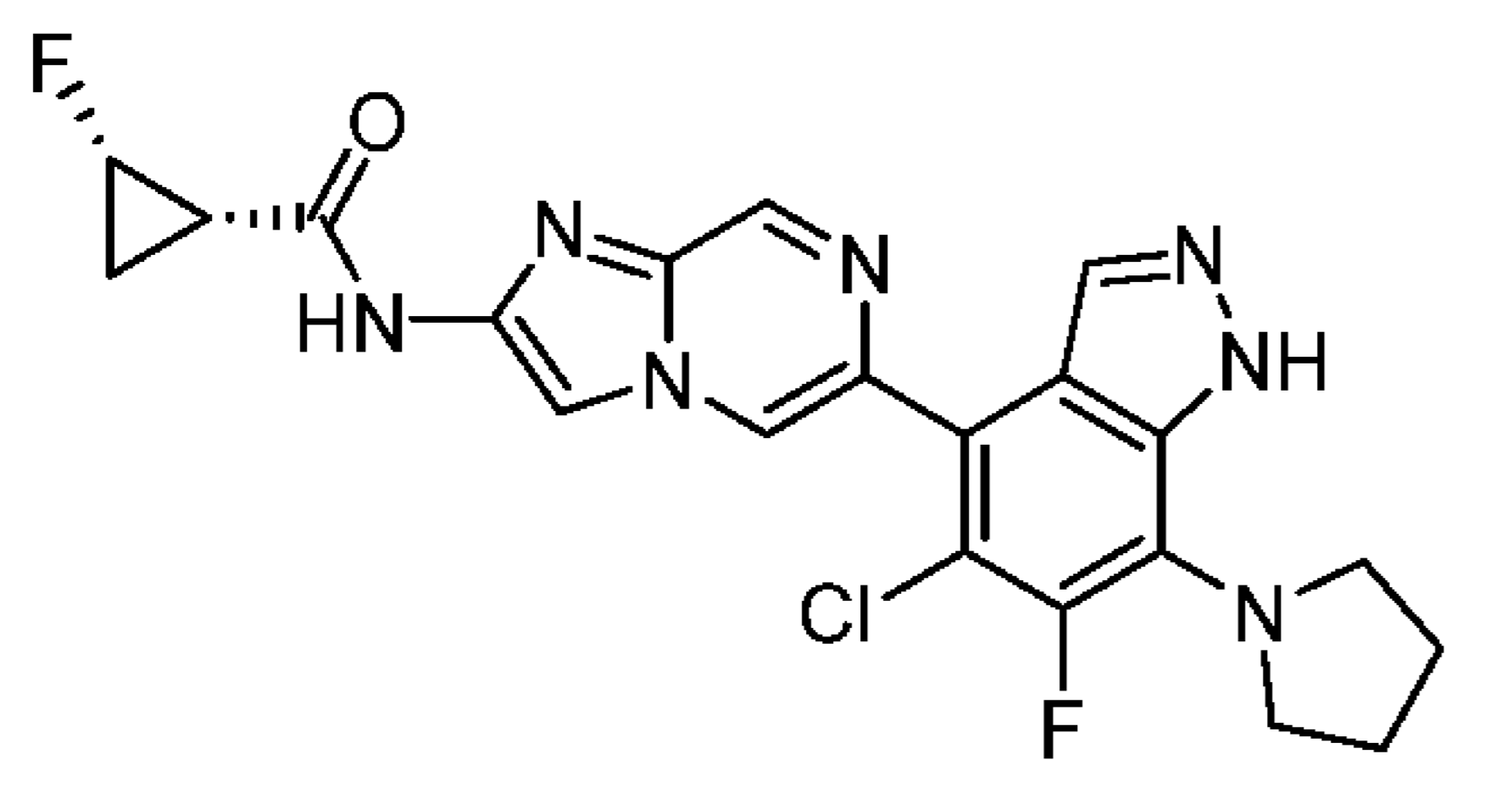
28	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 2 TFA</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.37 (s, 1H), 9.04 - 9.01 (m, 1H), 8.87 (d, J = 1.4 Hz, 1H), 8.36 (s, 1H), 7.94 (d, J = 0.9 Hz, 1H), 7.54 (dd, J = 0.8, 9.4 Hz, 1H), 5.12 - 4.82 (m, 1H), 2.26 (s, 3H), 2.22 - 2.13 (m, 1H), 1.75 - 1.61 (m, 1H), 1.19 (tdd, J = 6.3, 9.0, 12.4 Hz, 1H); LCMS (electrospray) m/z 401.1 (M+H) ⁺ .	D
29	 <p>(1S,2S)-N-(6-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.86 (br s, 1H), 11.38 (s, 1H), 9.03 (d, J=0.6 Hz, 1H), 8.82 (d, J=1.4 Hz, 1H), 8.36 (s, 1H), 8.02 (br s, 1H), 5.09 - 4.83 (m, 1H), 2.72 (br d, J=9.0 Hz, 2H), 2.18 (br d, J=7.1 Hz, 1H), 1.76 - 1.62 (m, 1H), 1.22 (br d, J=9.0 Hz, 1H), 1.15 (t, J=7.4 Hz, 3H); LCMS (electrospray) m/z 401.2 (M+H) ⁺ .	D
30	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 1 TFA</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.47 (s, 1H), 9.13 (s, 1H), 8.92 (d, J = 1.2 Hz, 1H), 8.42 (s, 1H), 7.97 (d, J = 1.0 Hz, 1H), 7.44 (d, J = 10.0 Hz, 1H), 5.06 - 4.88 (m, 1H), 2.29 (d, J = 2.6 Hz, 3H), 2.25 - 2.14 (m, 1H), 1.77 - 1.63 (m, 1H), 1.29 - 1.16 (m, 1H); LCMS (electrospray) m/z 369.3 (M+H) ⁺ .	D
31	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.42 (br s, 1H), 11.37 (s, 1H), 9.05 (s, 1H), 8.87 (d, J = 1.3 Hz, 1H), 8.35 (s, 1H), 8.02 (s, 1H), 5.09 - 4.80 (m, 1H), 2.52 (br s, 3H), 2.29 (d, J = 3.0 Hz, 3H), 2.19 (br dd, J = 5.9, 7.8 Hz, 1H), 1.76 - 1.62 (m, 1H), 1.24 - 1.17 (m, 1H); LCMS (electrospray) m/z 415.3 (M+H) ⁺ .	D
32	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.59 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.03 (s, 1H), 8.39 (s, 1H), 8.10 - 8.06 (m, 1H), 7.74 - 7.70 (m, 1H), 5.06 - 4.87 (m, 1H), 2.23 - 2.18 (m, 1H), 1.24 - 1.20 (m, 1H); LCMS(electrospray) m/z 389.1 (M +H) ⁺ .	D

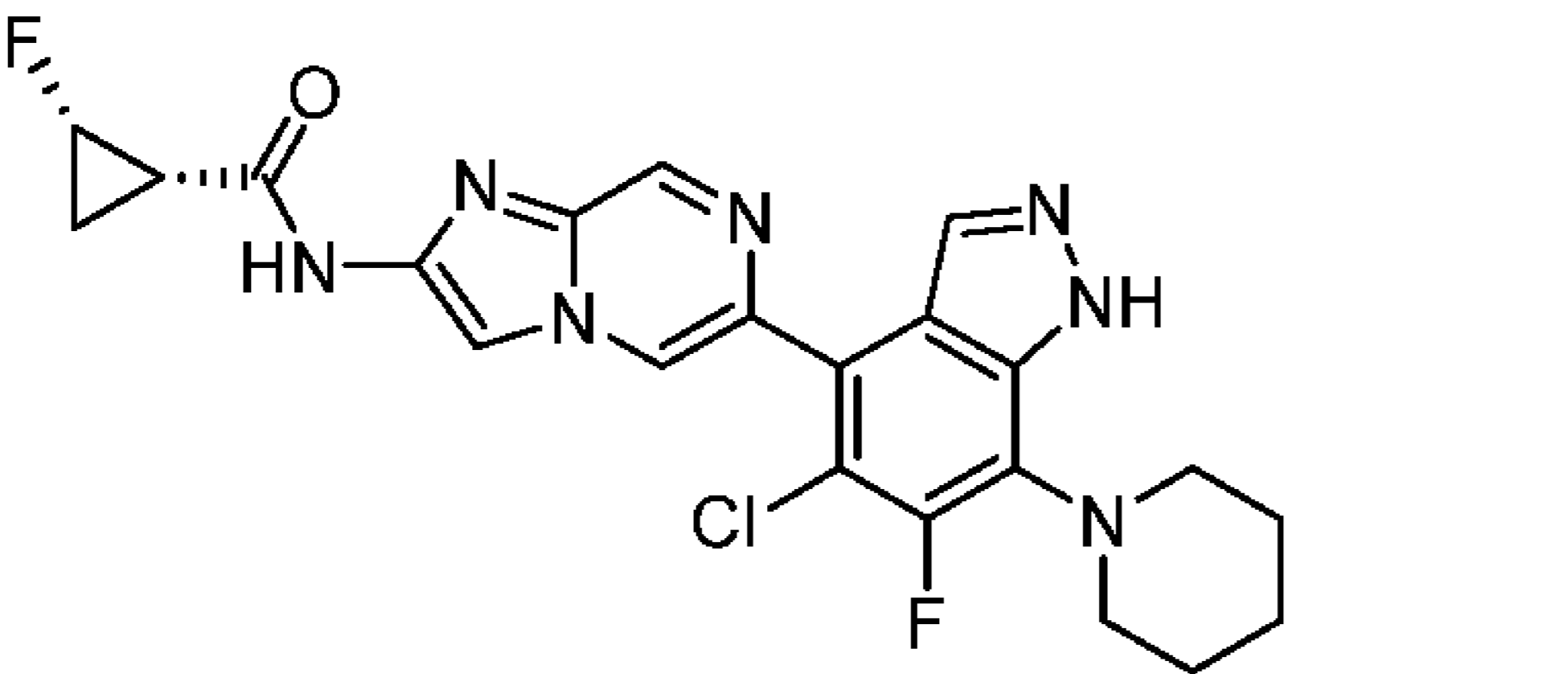
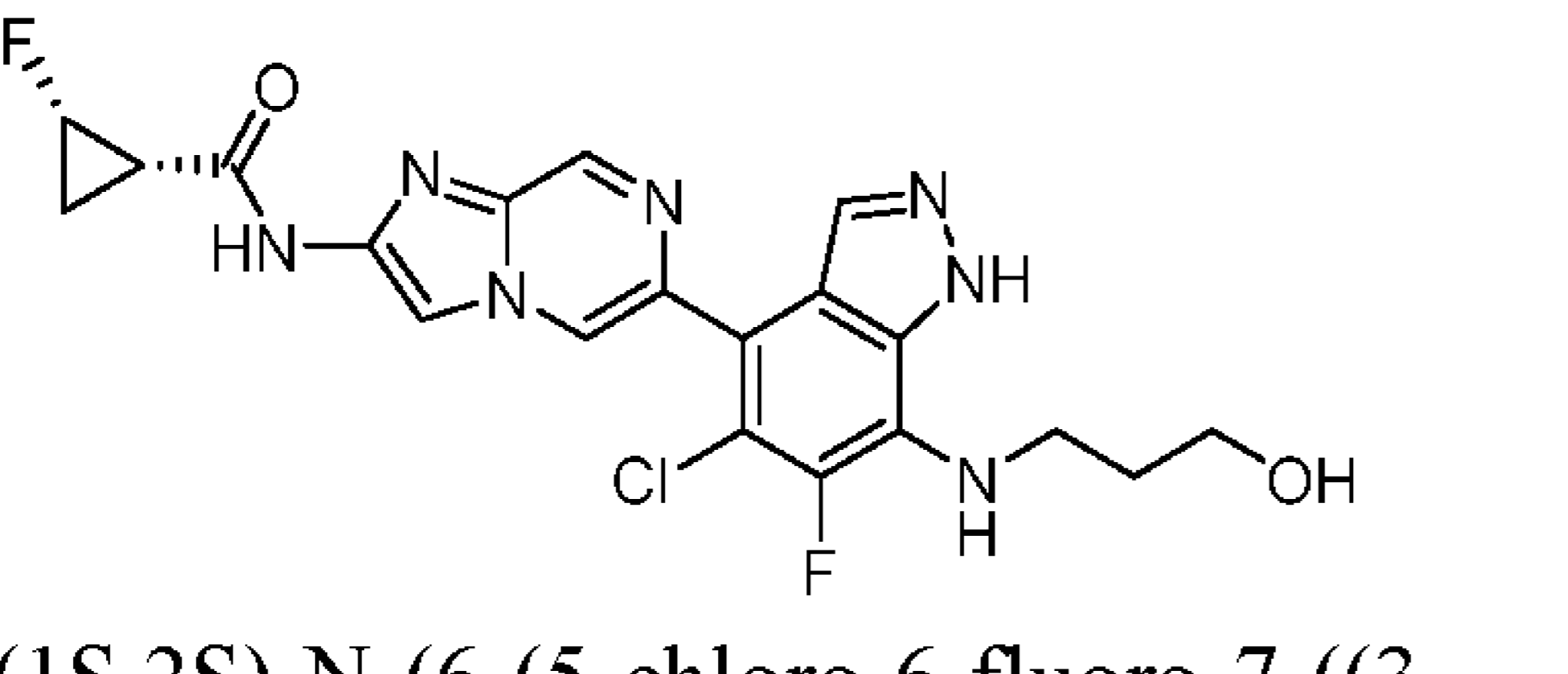
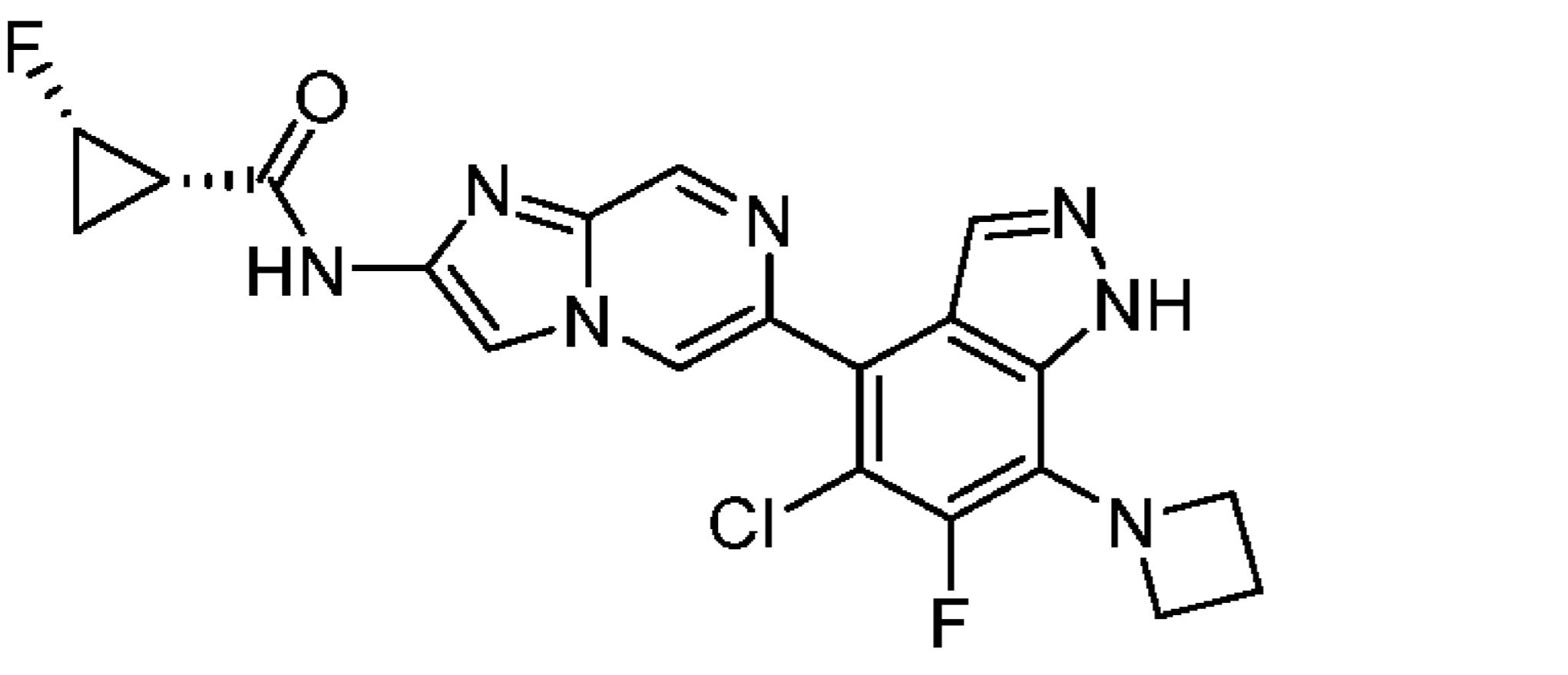
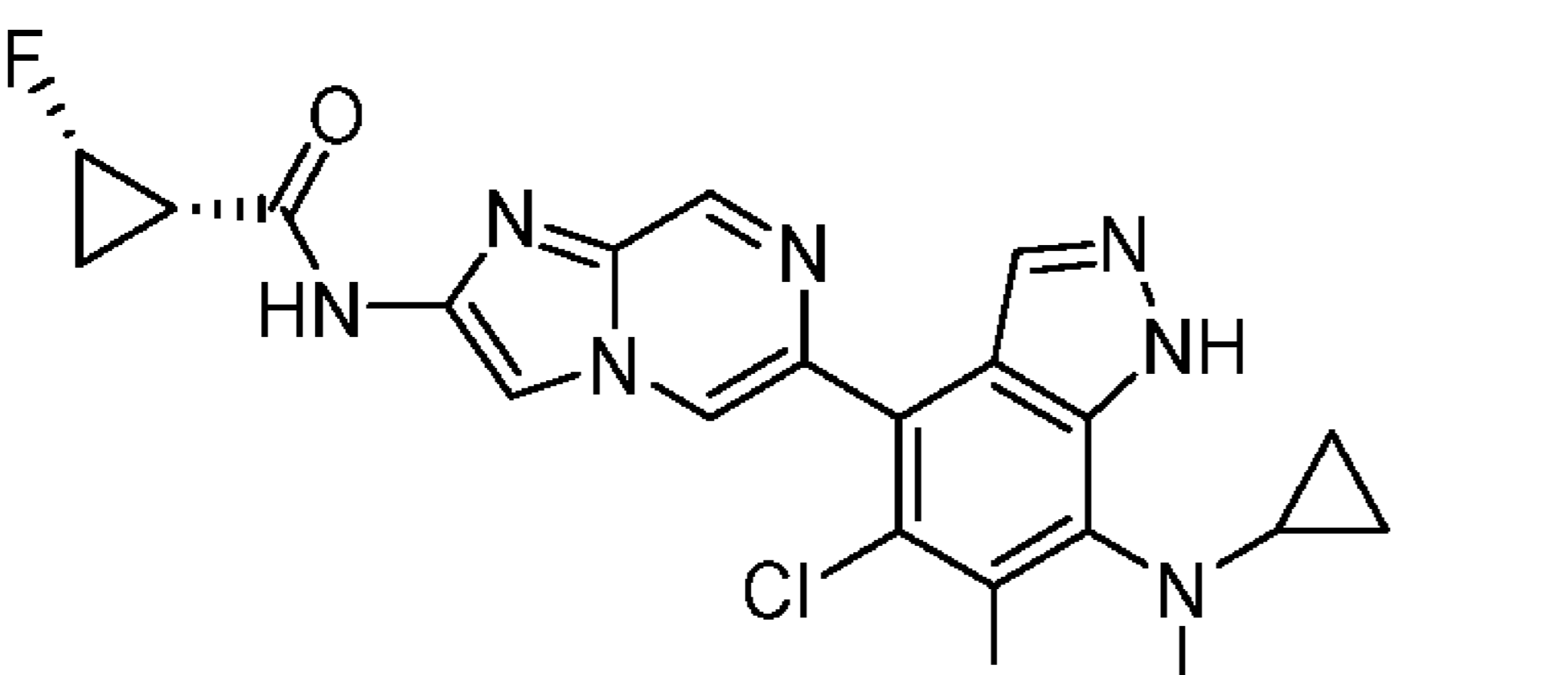
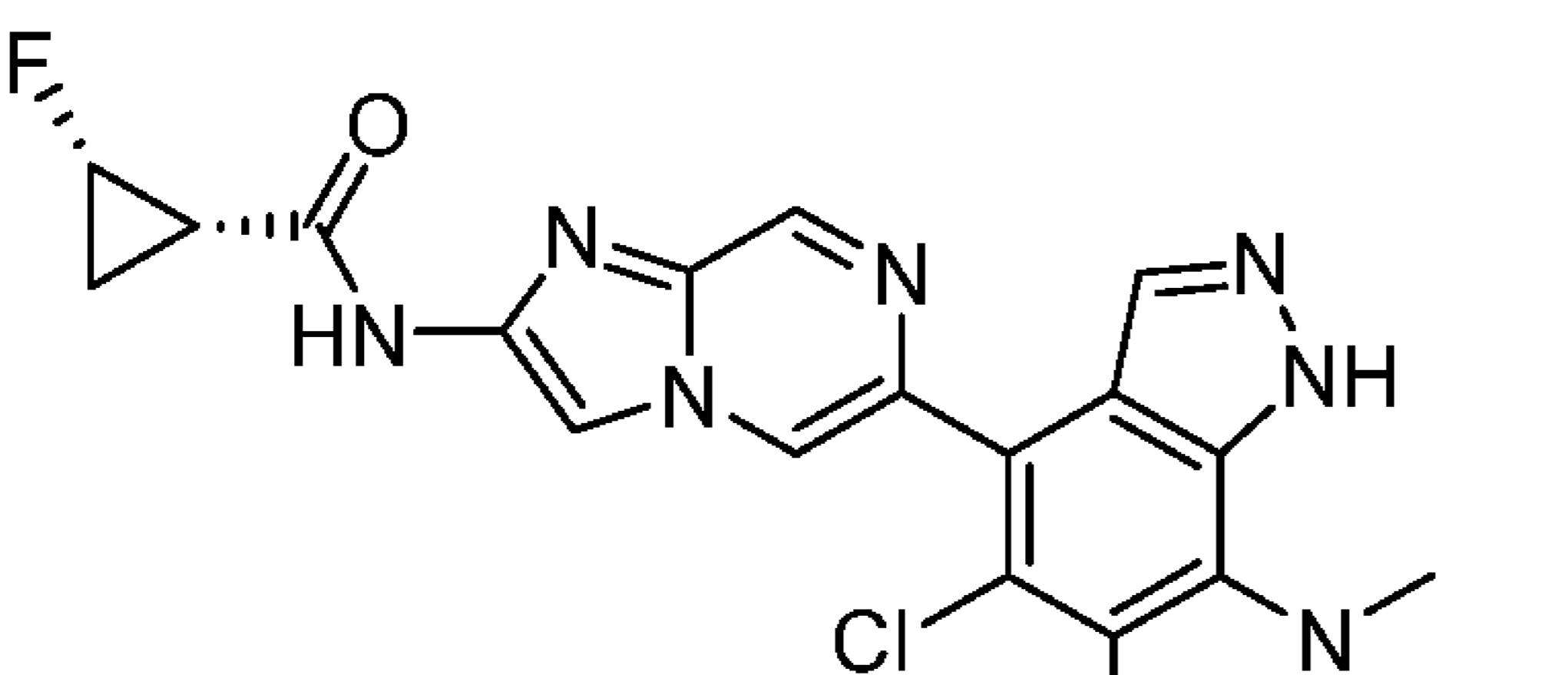
	indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)- 2-fluorocyclopropane-1-carboxamide. 1 TFA		
33	 <p>(1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.62 - 13.27 (m, 1H), 11.39 (s, 1H), 9.05 (s, 1H), 8.93 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.00 (br s, 1H), 5.12 - 4.80 (m, 1H), 3.01 (br s, 6H), 2.25 - 2.13 (m, 1H), 1.77 - 1.61 (m, 1H), 1.27 - 1.14 (m, 1H); LCMS(electrospray) m/z 432.3 (M +H ⁺).	D
34	 <p>(1S,2S)-N-(6-(5-chloro-7-ethoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.90 - 13.65 (m, 1H), 11.39 (s, 1H), 9.05 (s, 1H), 8.97 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.06 (s, 1H), 5.06 - 4.86 (m, 1H), 4.44 - 4.39 (m, 2H), 2.22 - 2.15 (m, 1H), 1.74 - 1.64 (m, 1H), 1.41 (t, J = 7.0 Hz, 3H), 1.25 - 1.18 (m, 1H); LCMS(electrospray) m/z 433.2 (M +H ⁺).	D
35	 <p>(1S,2S)-N-(6-(6,7-difluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.87 - 13.72 (m, 1H), 11.45 - 11.28 (m, 1H), 9.04 (s, 1H), 8.91 - 8.78 (m, 1H), 8.45 - 8.32 (m, 1H), 8.11 - 7.90 (m, 1H), 5.10 - 4.82 (m, 1H), 2.71 - 2.57 (m, 1H), 2.33 (br d, J = 2.9 Hz, 3H), 2.24 - 2.14 (m, 1H), 1.75 - 1.64 (m, 1H), 1.26 - 1.16 (m, 1H); LCMS(electrospray) m/z 387.0 (M +H ⁺).	D
36	 <p>(1S,2S)-N-(6-(6,7-difluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.30 - 13.89 (m, 1H), 11.43 - 11.32 (m, 1H), 9.07 - 9.00 (m, 1H), 8.88 (d, J = 1.4 Hz, 1H), 8.43 - 8.36 (m, 1H), 8.10 (d, J = 3.1 Hz, 1H), 5.10 - 4.82 (m, 1H), 2.32 (s, 3H), 2.24 - 2.14 (m, 1H), 1.73 - 1.62 (m, 1H), 1.29 - 1.15 (m, 1H); LCMS(electrospray) m/z 419.1 (M +H ⁺).	D

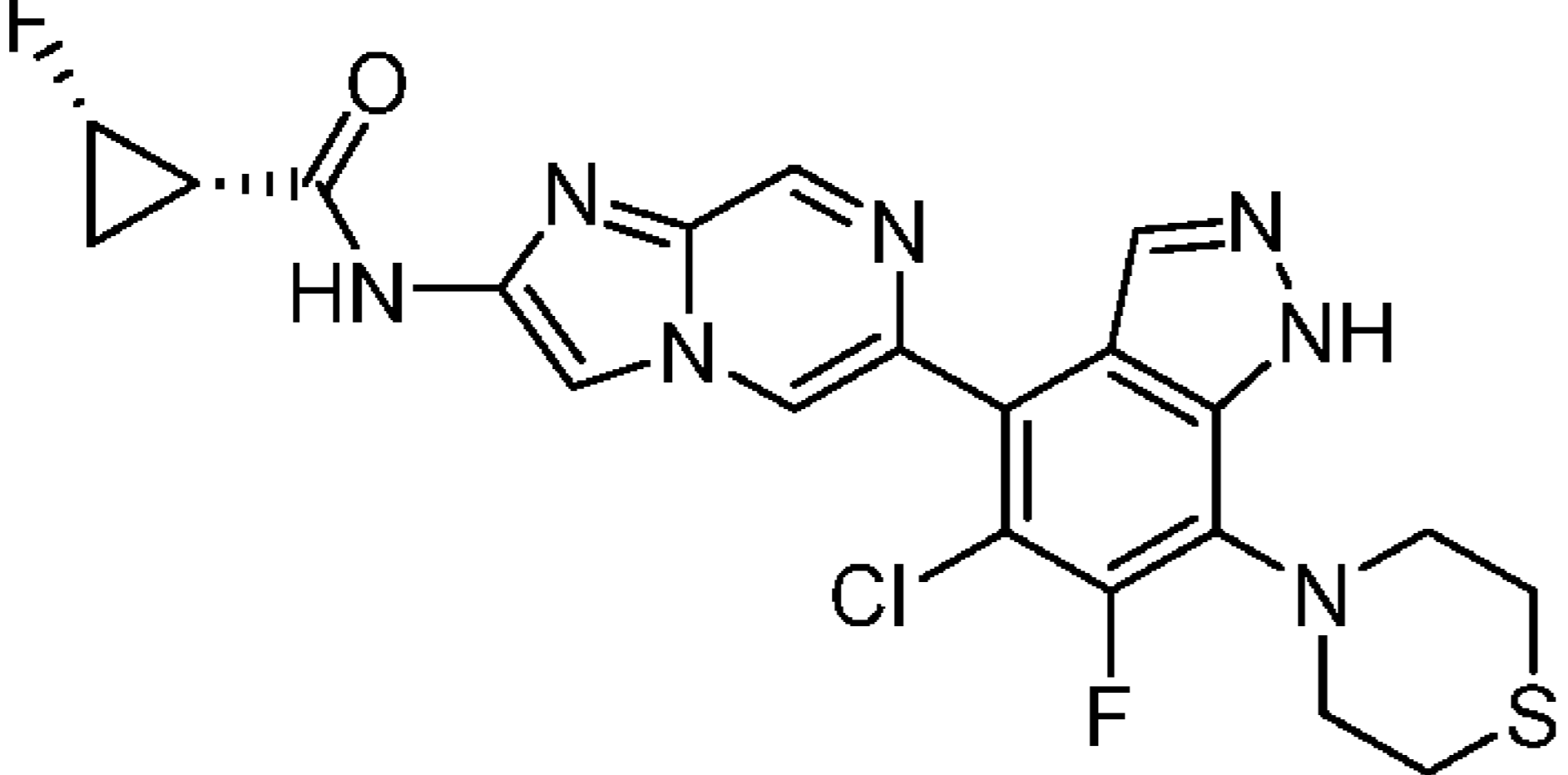
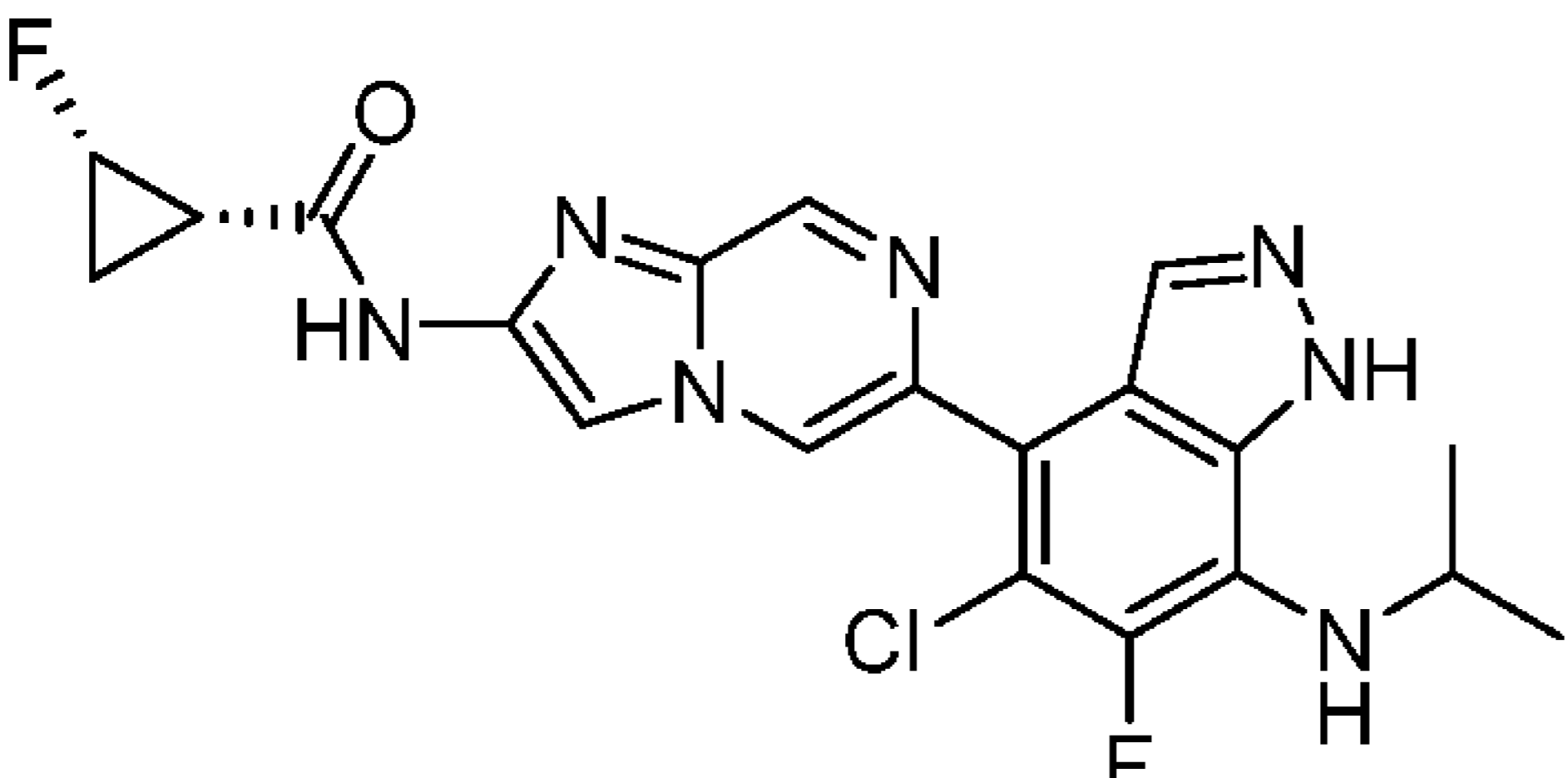
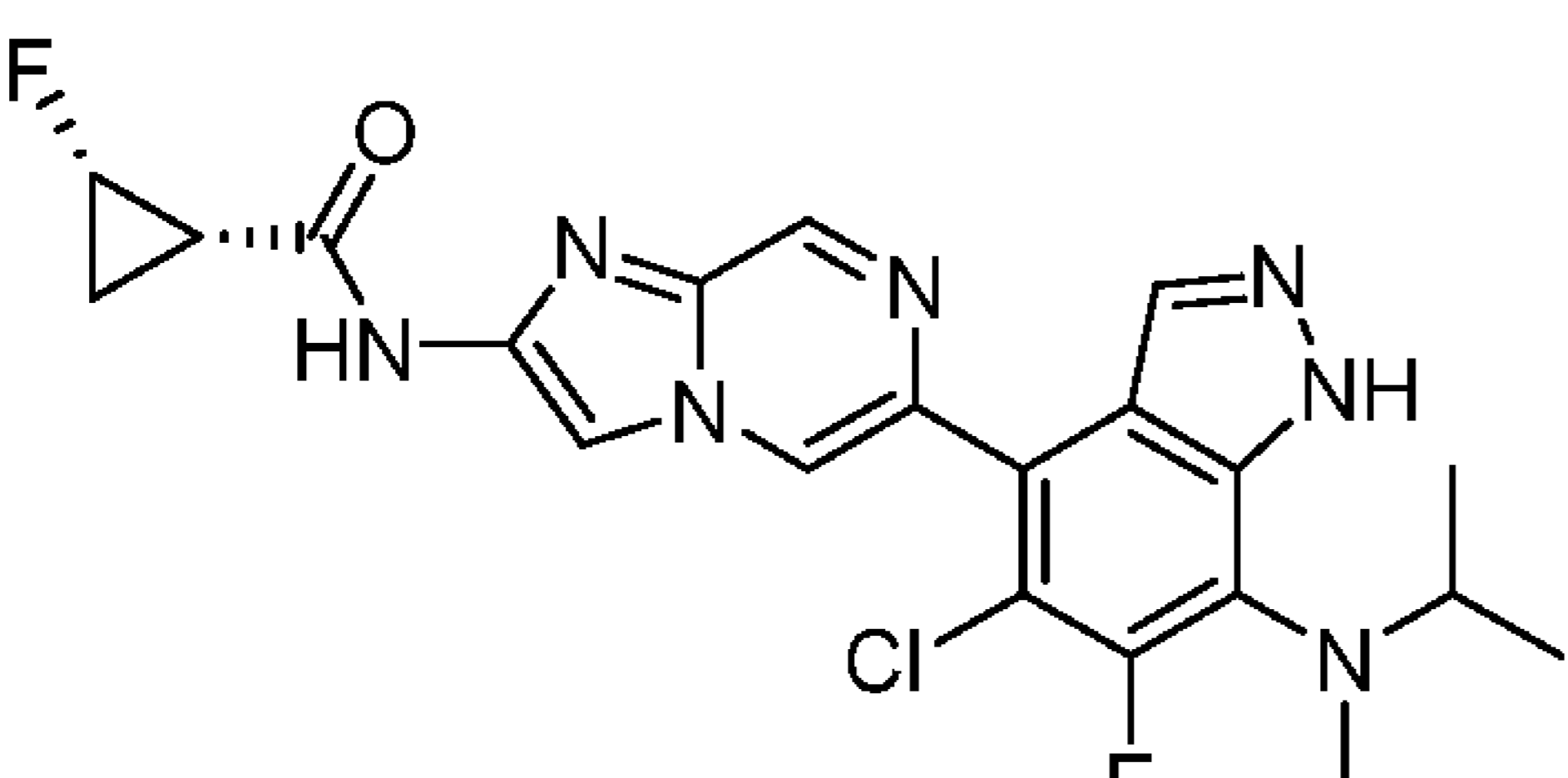
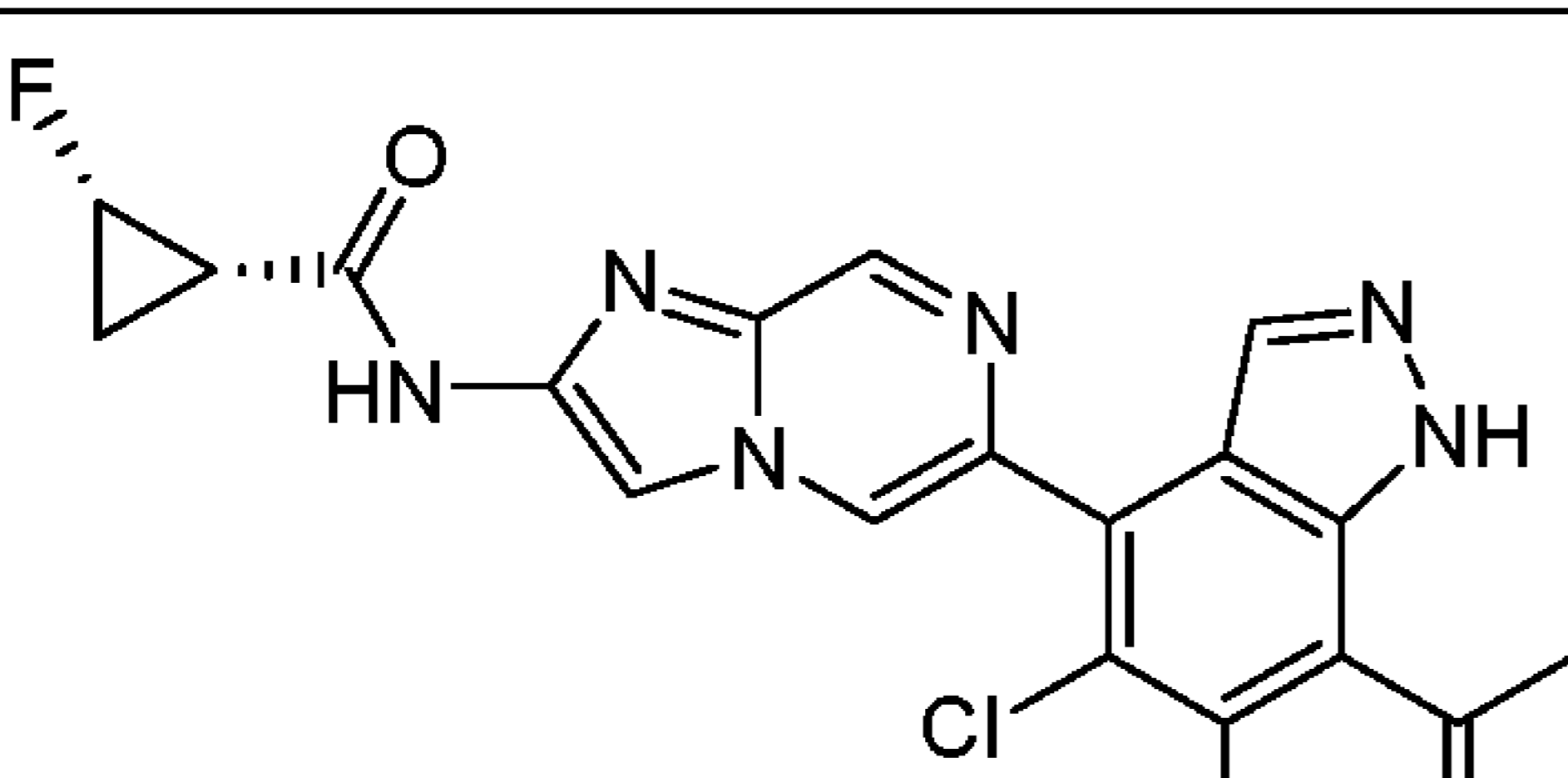
37	 <p>(1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.05 - 11.89 (m, 1H), 9.95 - 9.84 (m, 1H), 9.49 (s, 1H), 8.97 (d, J = 1.5 Hz, 1H), 8.82 (s, 1H), 8.43 (s, 1H), 5.56 - 5.25 (m, 1H), 3.32 (dq, J = 2.3, 7.4 Hz, 2H), 3.08 (s, 3H), 2.41 - 2.30 (m, 2H), 1.81 - 1.70 (m, 5H); LCMS(electrospray) m/z 428.12 (M+H ⁺).	D
38	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.76 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.5 Hz, 1H), 8.40 (s, 1H), 8.13 (s, 1H), 5.08 - 4.86 (m, 1H), 2.59 (s, 3H), 2.21 - 2.17 (m, 1H), 1.74 - 1.64 (m, 1H), 1.24 - 1.18 (m, 1H); LCMS(electrospray) m/z 435 (M+H ⁺).	D
39	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.41 - 13.32 (m, 1H), 11.36 (s, 1H), 9.01 (d, J = 0.8 Hz, 1H), 8.80 (d, J = 1.4 Hz, 1H), 8.36 (s, 1H), 7.95 - 7.86 (m, 1H), 5.07 - 4.85 (m, 1H), 2.99 (d, J = 1.5 Hz, 6H), 2.28 (s, 3H), 2.22 - 2.14 (m, 1H), 1.73 - 1.63 (m, 1H), 1.23 - 1.17 (m, 1H); LCMS(electrospray) m/z 444 (M+H ⁺).	D
40	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.39 (s, 1H), 8.98 (s, 1H), 8.81 (d, J = 1.4 Hz, 1H), 8.33 (s, 1H), 7.98 (s, 1H), 5.21 - 4.77 (m, 1H), 3.03 (d, J = 2.4 Hz, 6H), 2.24 - 2.13 (m, 1H), 1.76 - 1.60 (m, 1H), 1.20 (tdd, J = 6.1, 9.1, 12.4 Hz, 1H); LCMS(electrospray) m/z 466.1 (M+H ⁺).	D
41	 <p>(1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 - 13.35 (m, 1H), 11.42 - 11.37 (m, 1H), 9.09 - 9.04 (m, 1H), 8.99 - 8.94 (m, 1H), 8.41 - 8.36 (m, 1H), 8.07 - 7.97 (m, 1H), 5.10 - 4.85 (m, 1H), 3.30 (br d, J = 7.0 Hz, 2H), 3.03 - 2.97 (m, 3H), 2.24 - 2.14 (m, 1H), 1.76 - 1.62 (m, 1H), 1.19 (s, 1H), 1.12 - 1.07 (m, 1H); LCMS(electrospray) m/z 444 (M+H ⁺).	D

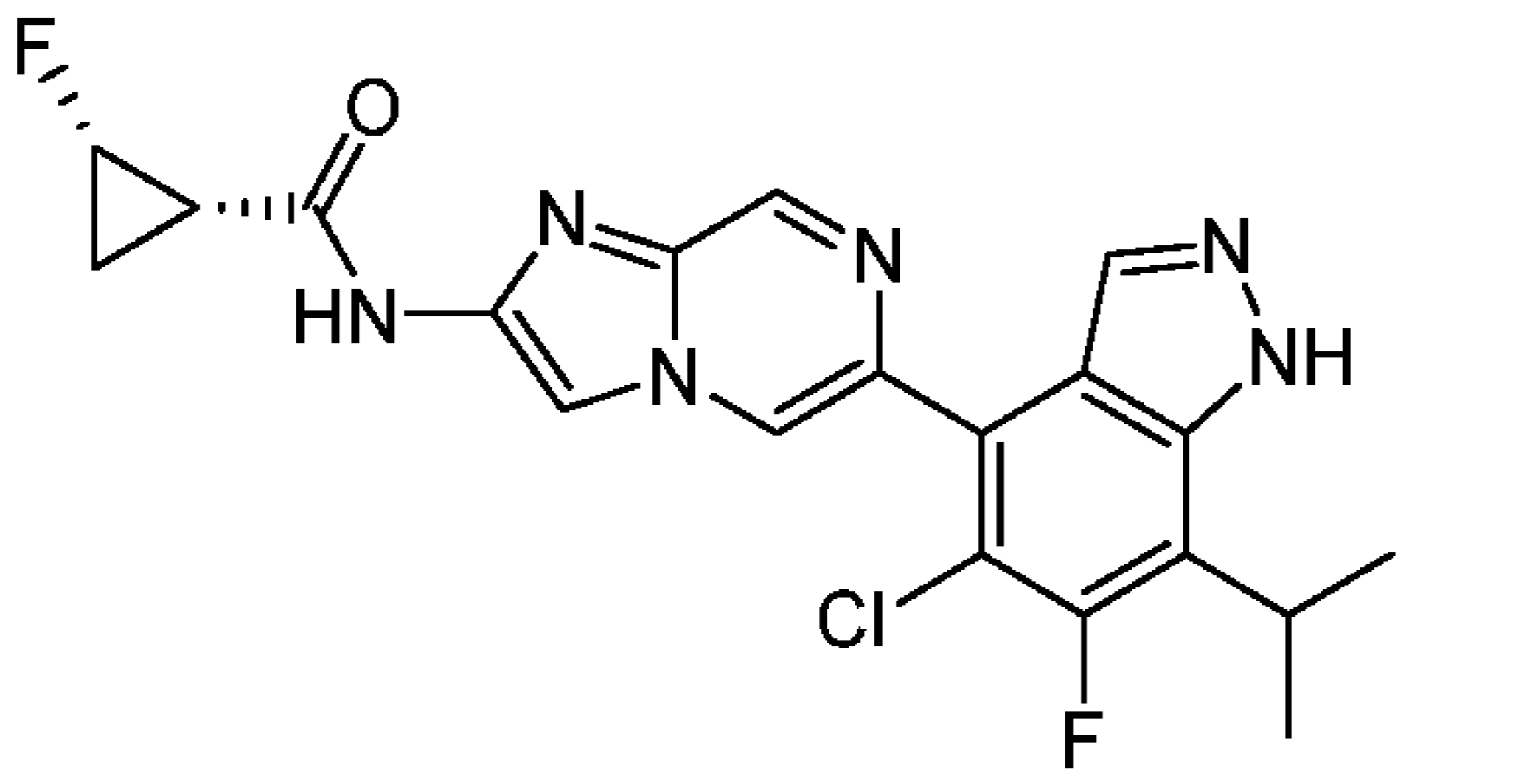
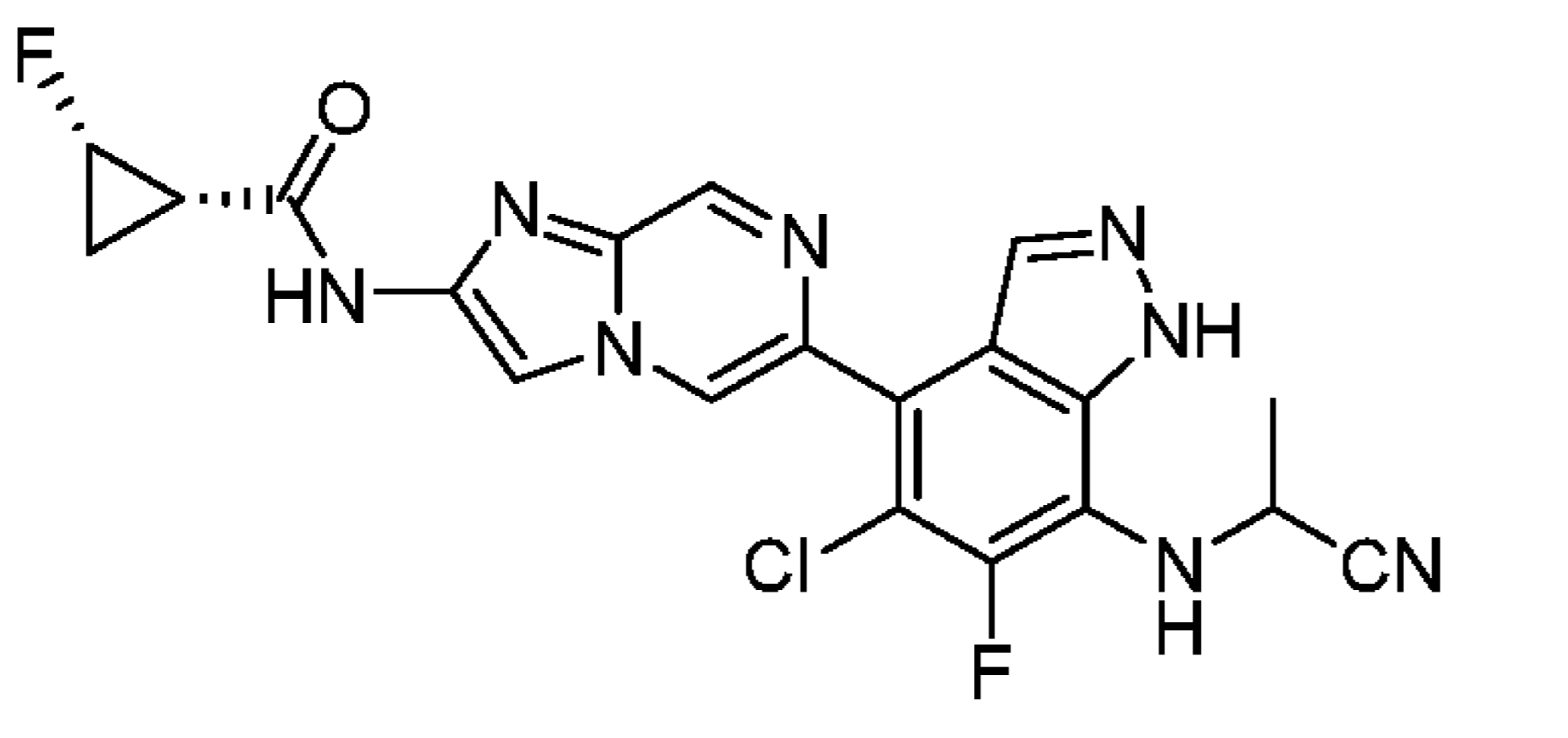
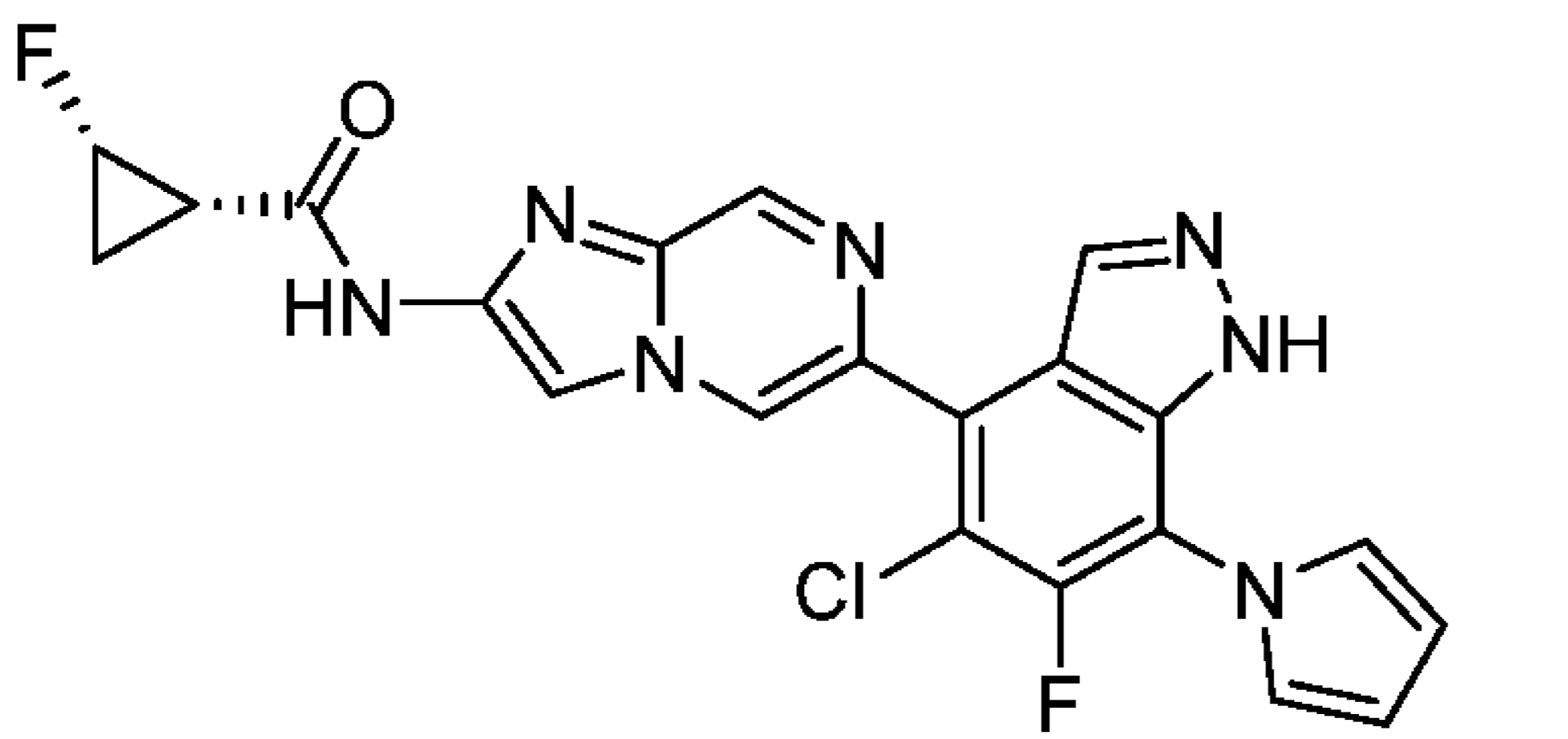
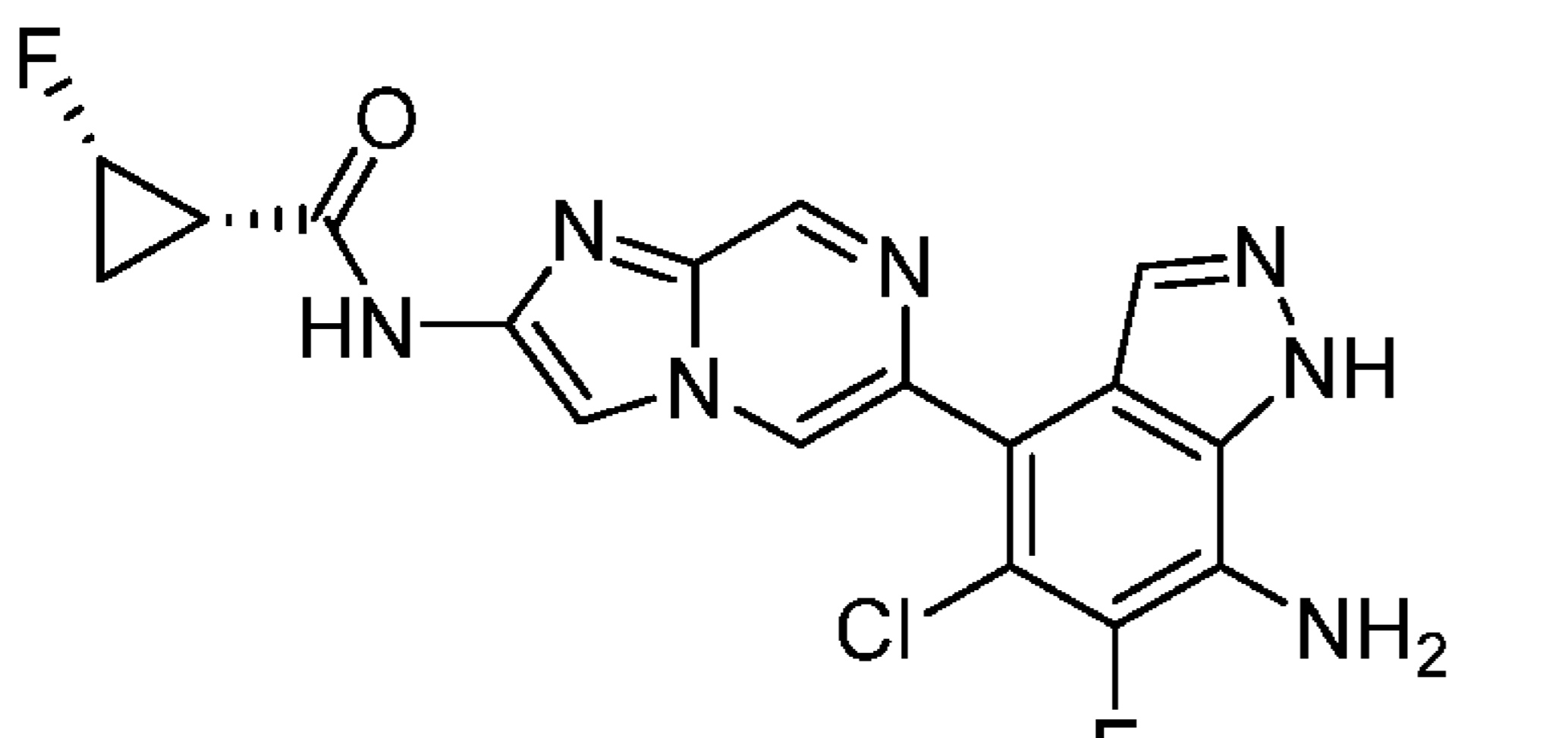
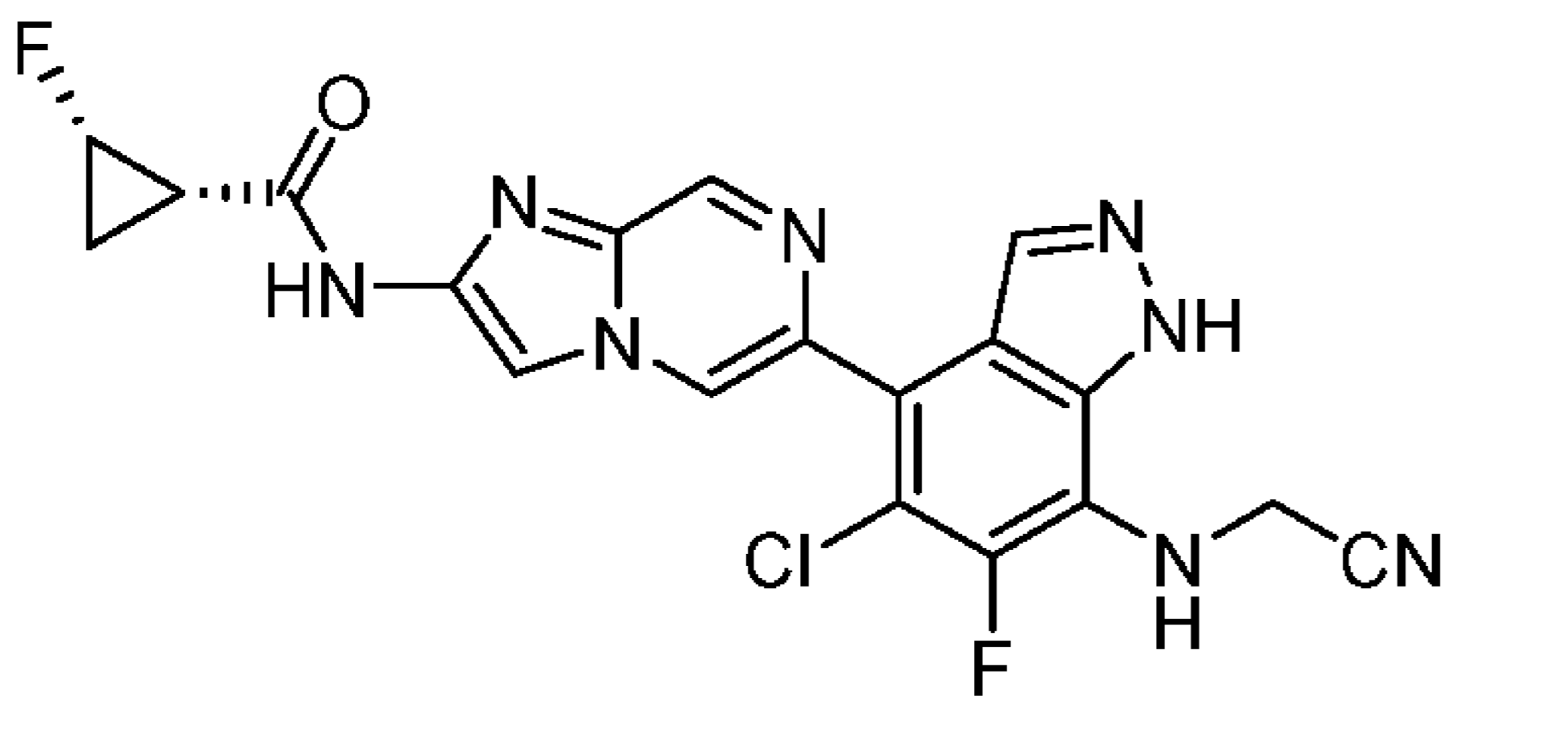
	(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	(m, 3H); LCMS(electrospray) m/z 446.1 (M +H+).	
42	 <p>(1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.80 - 13.59 (m, 1H), 11.39 (s, 1H), 8.98 (s, 1H), 8.84 (d, J = 1.3 Hz, 1H), 8.33 (s, 1H), 8.00 (br s, 1H), 5.07 - 4.84 (m, 1H), 3.29 (br d, J = 7.3 Hz, 2H), 3.00 (d, J = 1.7 Hz, 3H), 2.24 - 2.14 (m, 1H), 1.75 - 1.64 (m, 1H), 1.24 - 1.17 (m, 1H), 1.09 (t, J = 7.1 Hz, 3H); LCMS(electrospray) m/z 480.3 (M +H+).	D
43	 <p>(1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.35 (s, 1H), 9.07 - 8.96 (m, 1H), 8.78 (d, J = 1.4 Hz, 1H), 8.39 - 8.28 (m, 1H), 7.83 (s, 1H), 5.10 - 4.81 (m, 1H), 3.21 (br s, 2H), 2.94 (d, J = 1.5 Hz, 3H), 2.64 (br d, J = 2.0 Hz, 1H), 2.21 - 2.16 (m, 1H), 1.73 - 1.64 (m, 1H), 1.20 - 1.17 (m, 1H), 1.12 (t, J = 7.5 Hz, 3H), 1.06 (t, J = 7.0 Hz, 3H); LCMS(electrospray) m/z 440.1 (M +H+).	D
44	 <p>(1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.44 (br s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.79 (d, J = 1.4 Hz, 1H), 8.35 (s, 1H), 7.89 (s, 1H), 5.07 - 4.85 (m, 1H), 4.33 (q, J = 6.4 Hz, 2H), 2.70 - 2.63 (m, 2H), 2.19 (td, J = 6.9, 13.6 Hz, 1H), 1.74 - 1.63 (m, 1H), 1.39 (t, J = 7.0 Hz, 3H), 1.24 - 1.17 (m, 1H), 1.13 (t, J = 7.4 Hz, 3H); LCMS(electrospray) m/z 427.0 (M+H+).	D
45	 <p>(1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.11 (s, 1H), 11.36 (s, 1H), 9.03 (d, J = 0.6 Hz, 1H), 8.80 (d, J = 1.2 Hz, 1H), 8.33 (s, 1H), 7.90 (s, 1H), 5.11 - 4.82 (m, 1H), 3.26 - 3.17 (m, 2H), 2.94 (d, J = 1.6 Hz, 3H), 2.25 (d, J = 3.2 Hz, 3H), 2.22 - 2.15 (m, 1H), 1.77 - 1.61 (m, 1H), 1.25 - 1.14 (m, 1H), 1.06 (t, J = 7.1 Hz, 3H); LCMS(electrospray) m/z 425.18 (M +H+).	D

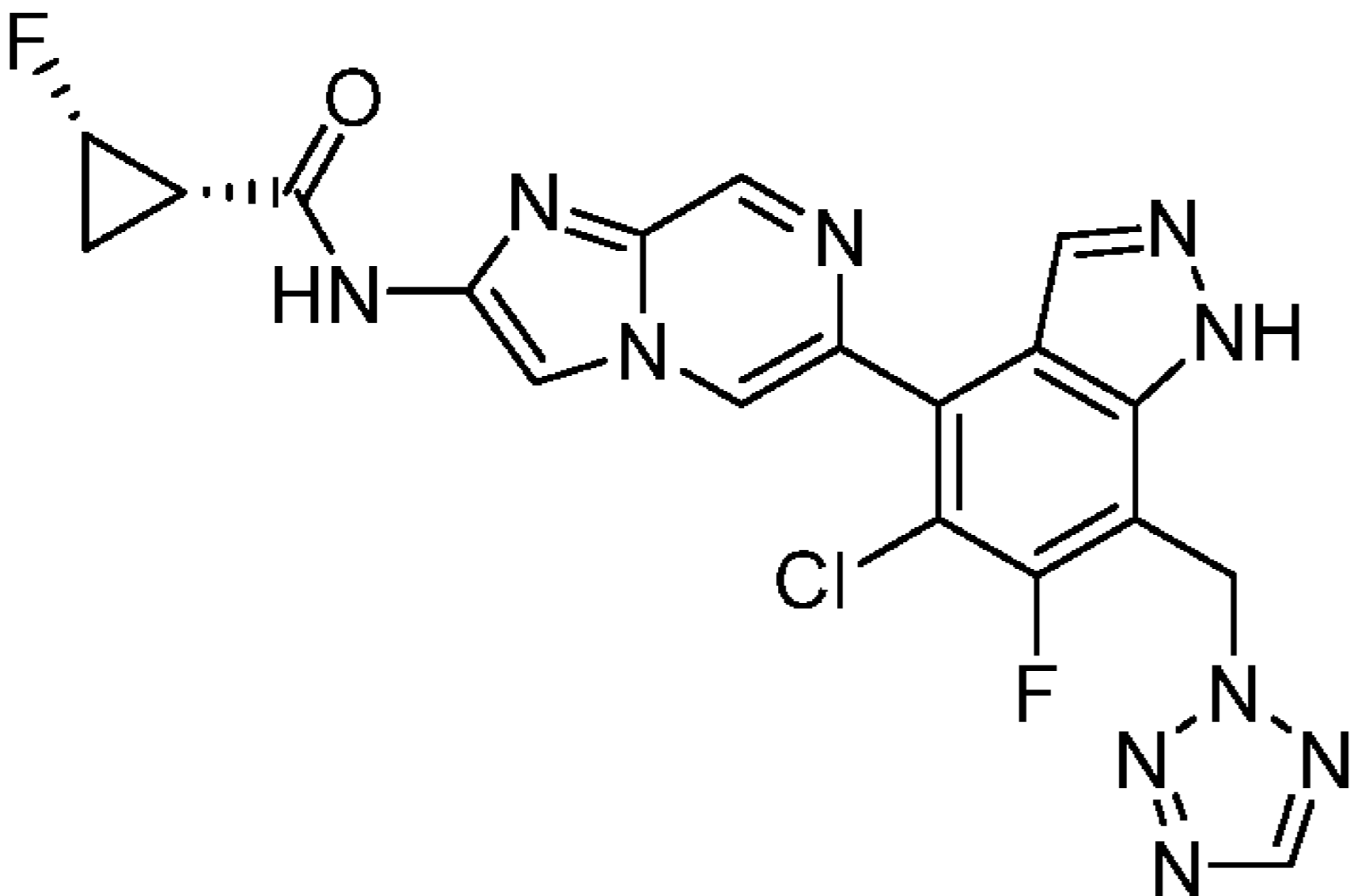
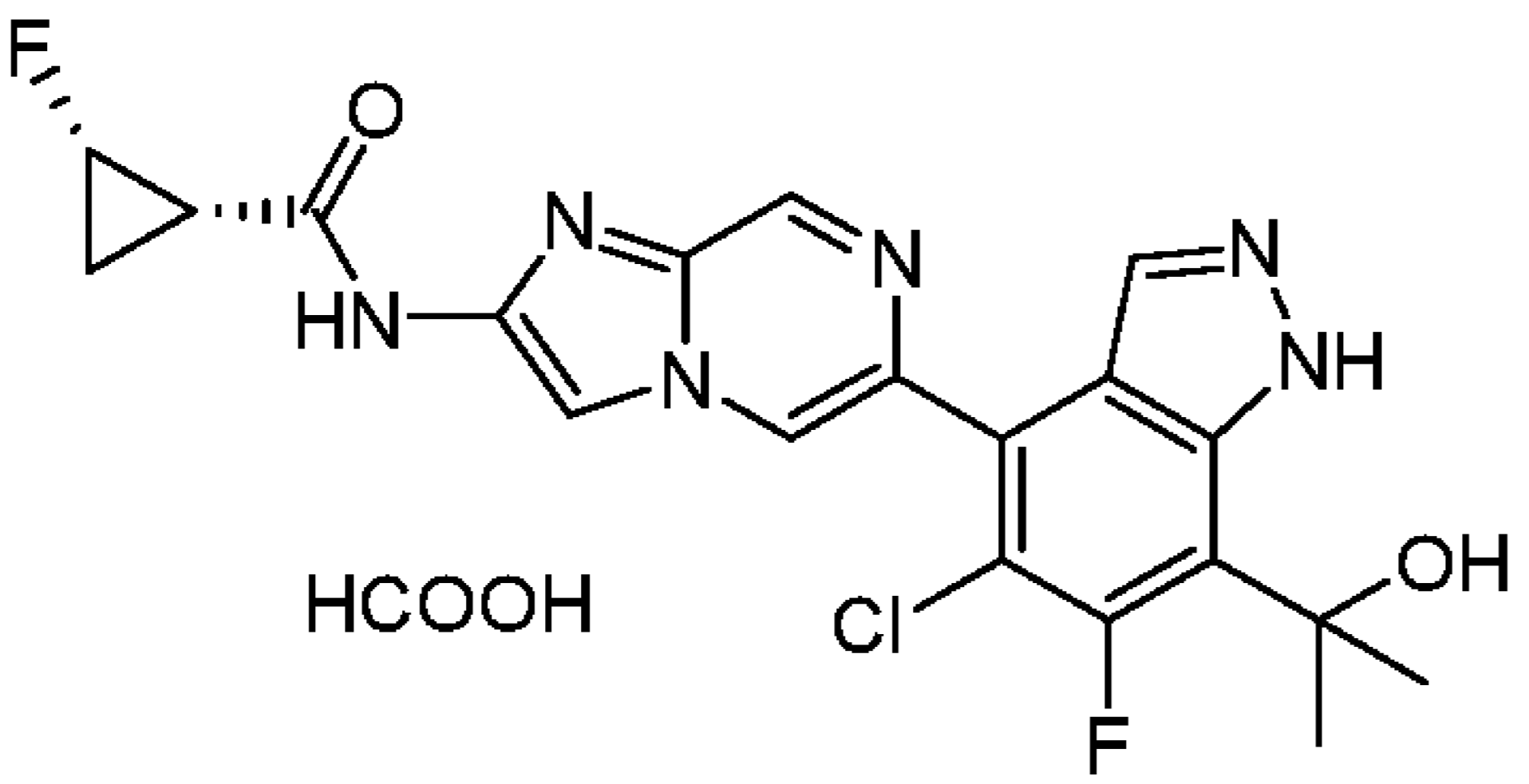
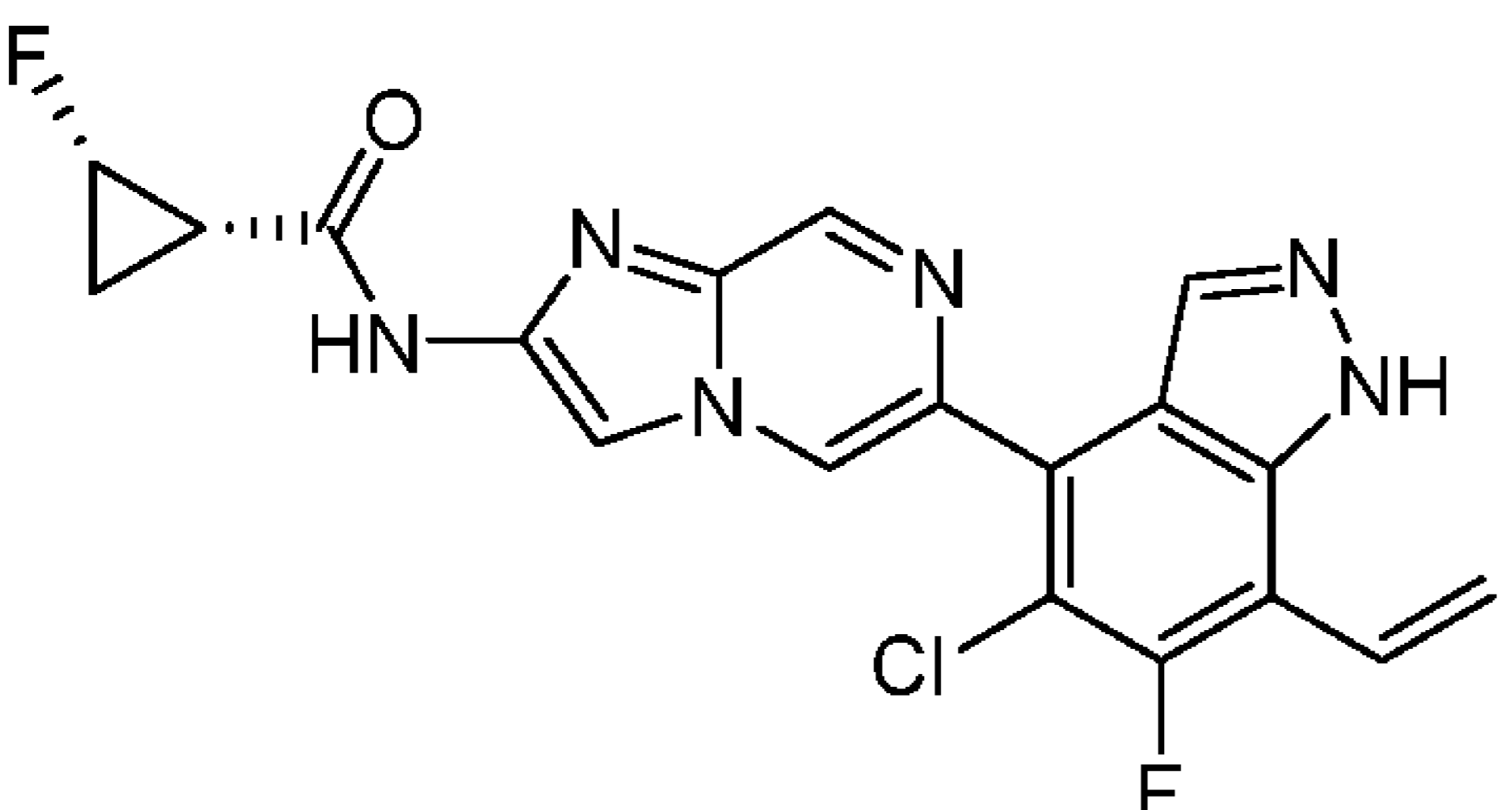
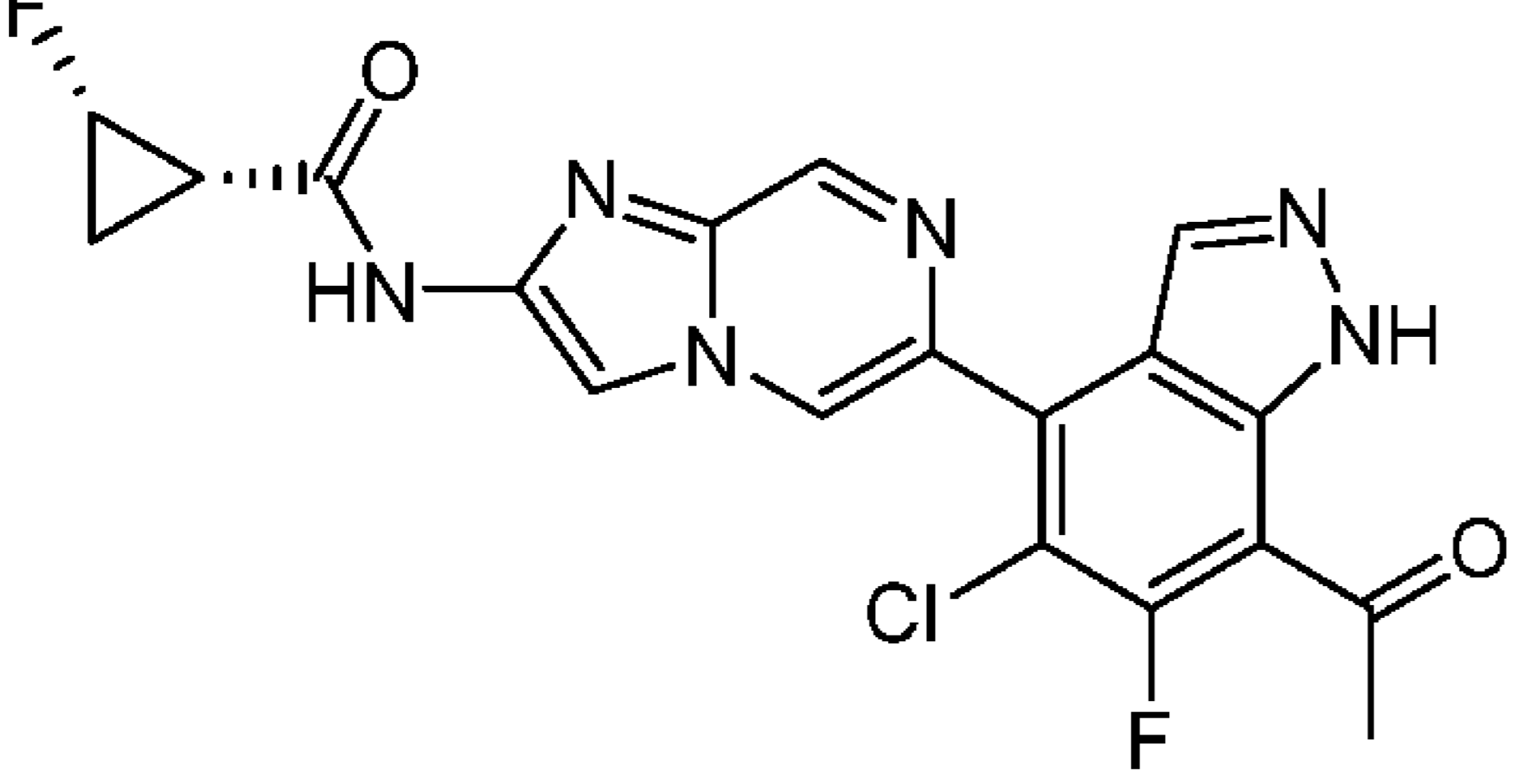
46	 <p>(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 - 12.84 (m, 1H), 11.37 (s, 1H), 9.04 (s, 1H), 8.79 (d, J = 1.3 Hz, 1H), 8.35 (s, 1H), 7.91 (s, 1H), 5.14 - 4.78 (m, 2H), 2.97 (d, J = 2.2 Hz, 6H), 2.25 (d, J = 3.3 Hz, 3H), 2.20 - 2.16 (m, 1H), 1.76 - 1.62 (m, 1H), 1.25 - 1.15 (m, 1H); LCMS(electrospray) m/z 412.2 (M +H ⁺).	D
47	 <p>(1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.20 - 13.68 (m, 1 H) 11.26 - 11.47 (m, 1 H) 9.03 (s, 1 H) 8.81 (d, J=1.25 Hz, 1 H) 8.34 (s, 1 H) 7.96 (s, 1 H) 4.84 - 5.09 (m, 1 H) 4.33 (q, J=7.00 Hz, 2 H) 2.28 (d, J=3.00 Hz, 3 H) 2.14 - 2.23 (m, 1 H) 1.62 - 1.75 (m, 1 H) 1.39 (t, J=7.00 Hz, 3 H) 1.20 (ddt, J=12.37, 9.05, 6.24, 6.24 Hz, 1 H); LCMS(electrospray) m/z 413.1 (M+H ⁺).	D
48	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.62 (br s, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 8.94 (d, J=1.2 Hz, 1H), 8.37 (s, 1H), 8.19 (s, 1H), 5.09 - 4.83 (m, 1H), 2.32 (d, J=2.9 Hz, 3H), 2.24 - 2.15 (m, 1H), 1.76 - 1.63 (m, 1H), 1.26 - 1.15 (m, 1H); LCMS(electrospray) m/z 437.2 (M+H ⁺).	D
49	 <p>(1S,2S)-N-(6-(5-bromo-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, METHANOL-d ₄) δ 9.04 - 8.94 (m, 1H), 8.82 (d, J=1.5 Hz, 1H), 8.44 - 8.36 (m, 1H), 8.01 (br s, 1H), 5.00 - 4.95 (m, 1H), 2.17 - 2.11 (m, 1H), 1.89 - 1.76 (m, 1H), 1.30 - 1.21 (m, 1H); LCMS(electrospray) m/z 451.0 (M +H ⁺).	D
50	 <p>(1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.34 (br s, 1H), 8.04 (d, J = 1.3 Hz, 1H), 7.83 (d, J = 8.2 Hz, 1H), 7.68 (s, 1H), 7.49 (dd, J = 1.7, 8.3 Hz, 1H), 5.16 - 4.94 (m, 1H), 3.23 (q, J = 7.1 Hz, 2H), 2.95 (d, J = 2.0 Hz, 3H), 2.28 - 2.22 (m, 1H), 2.20 (s, 3H), 1.82 - 1.68 (m, 1H), 1.31 (tdd, J = 6.2, 8.9, 12.6 Hz, 1H), 1.07 (t, J = 7.1 Hz, 3H);	D

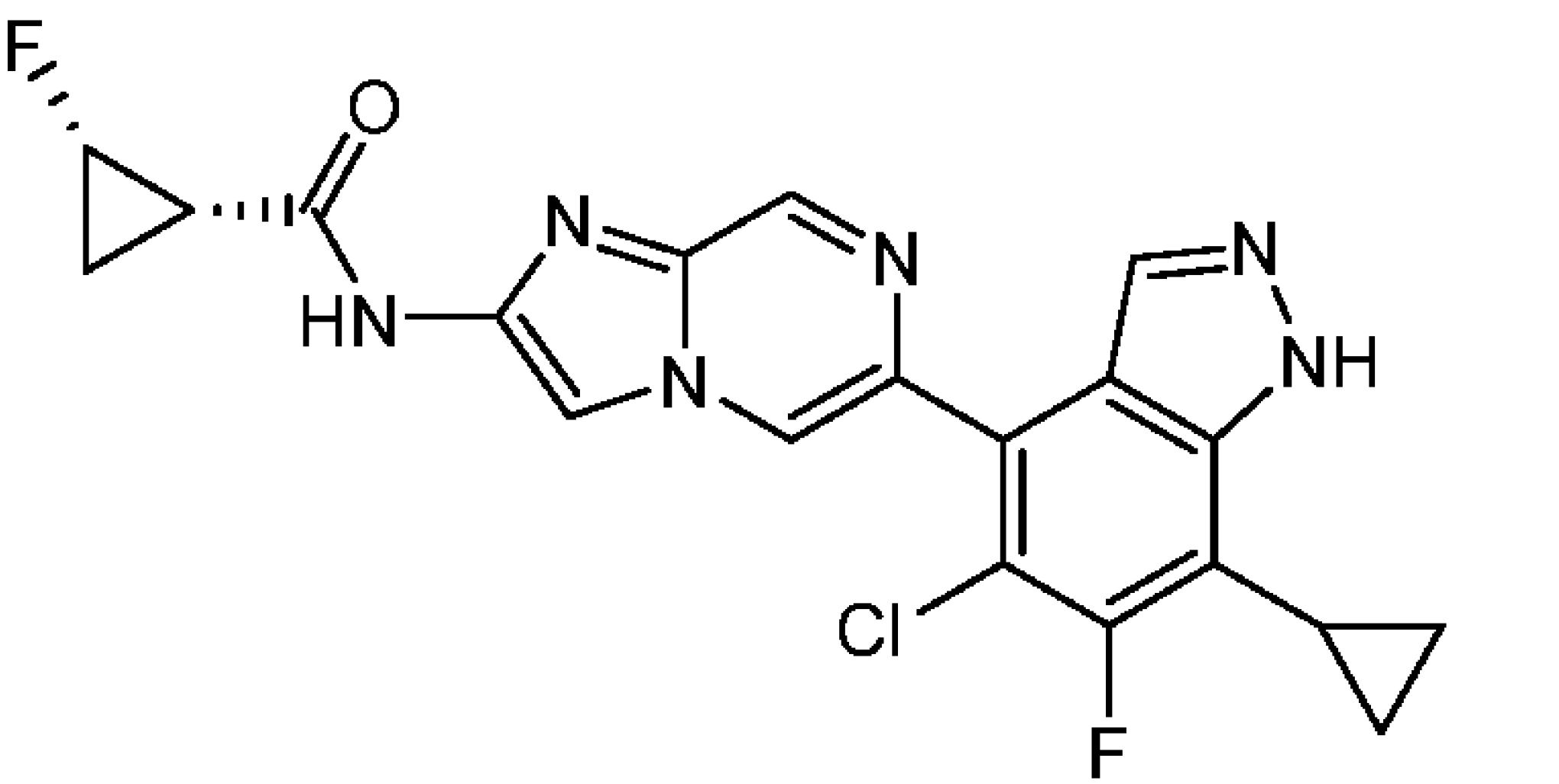
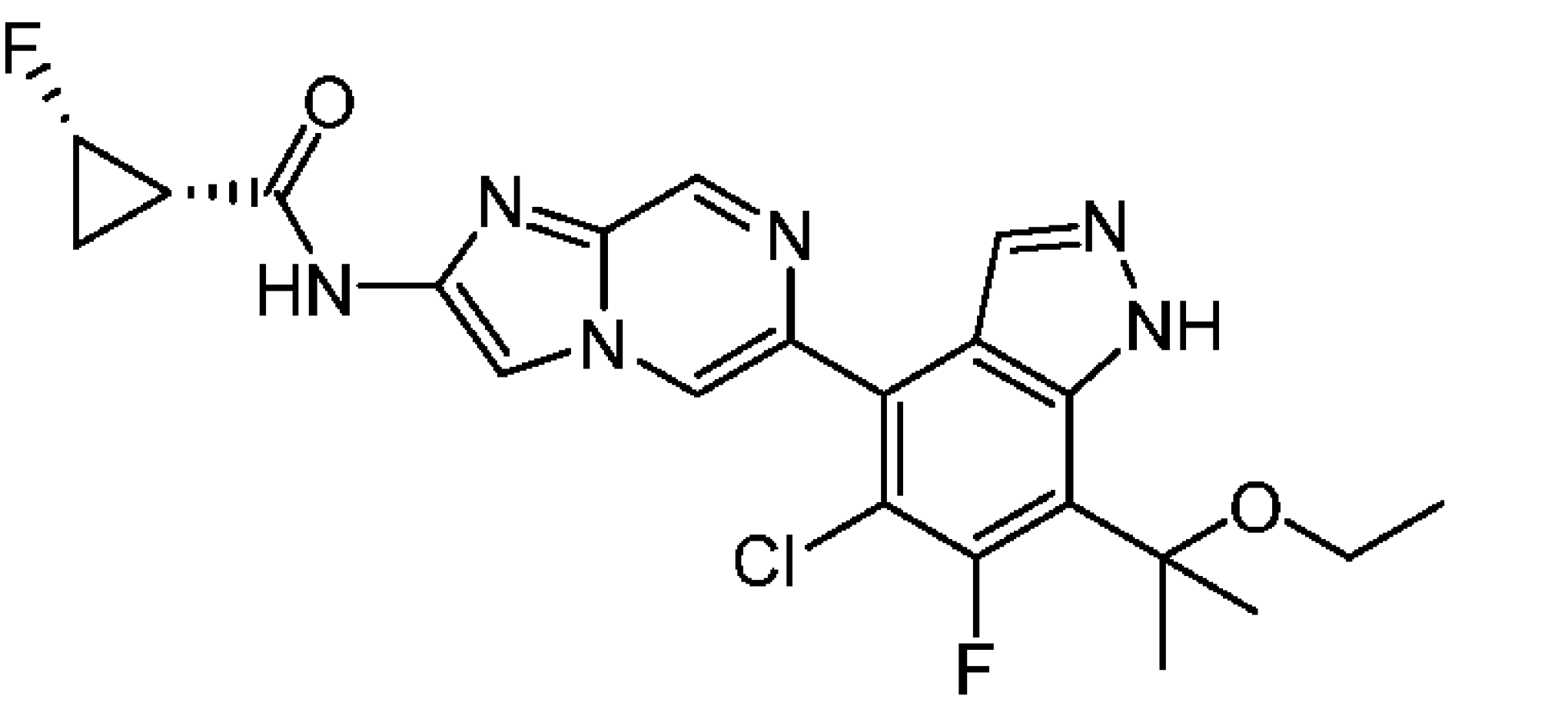
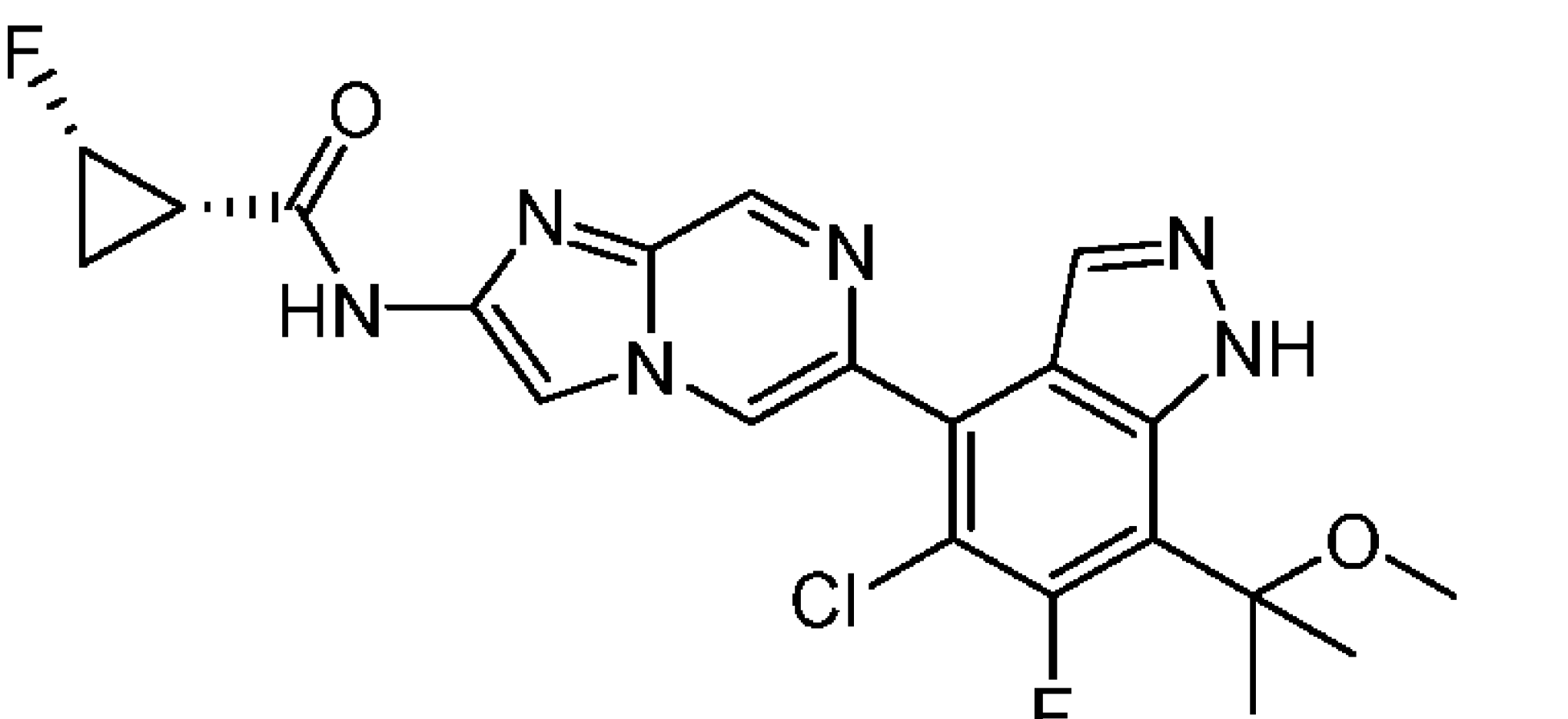
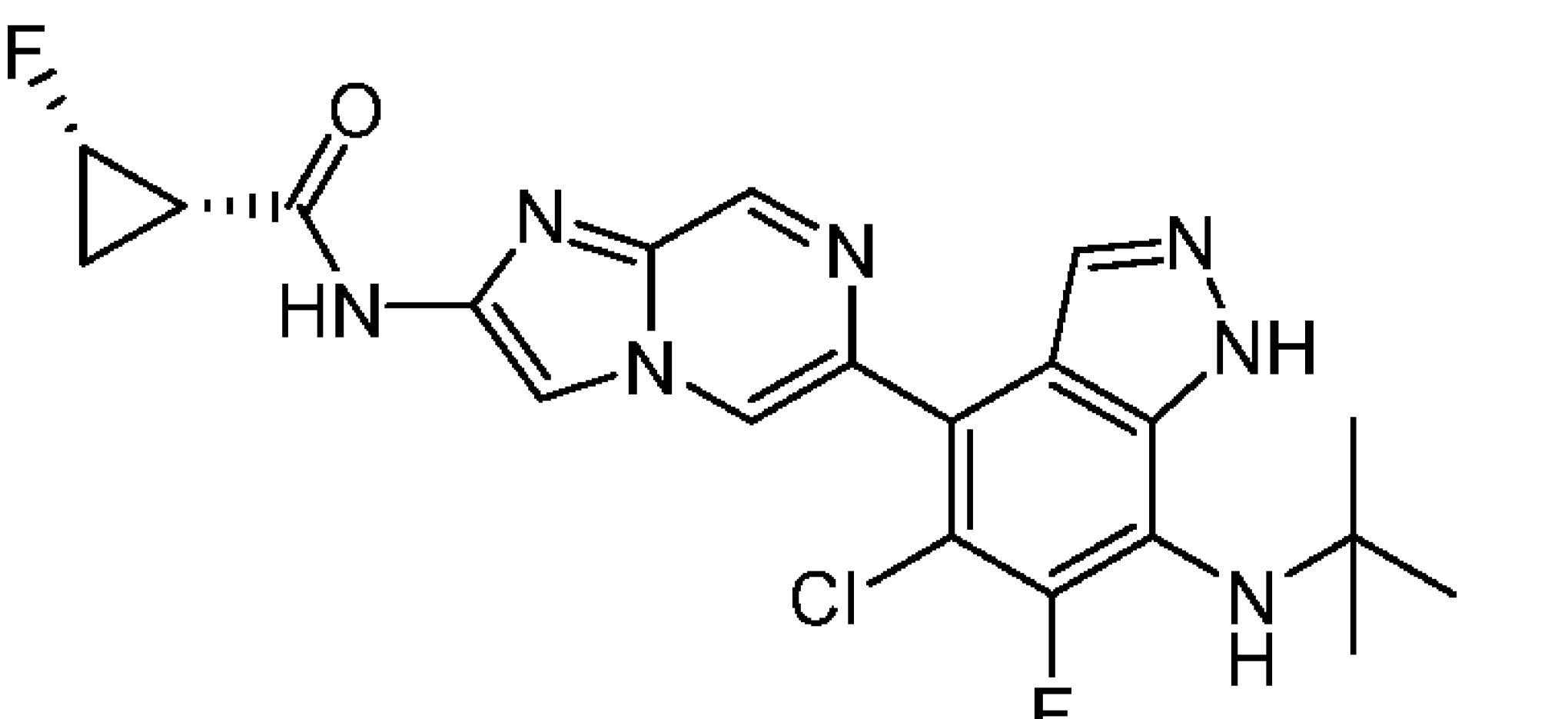
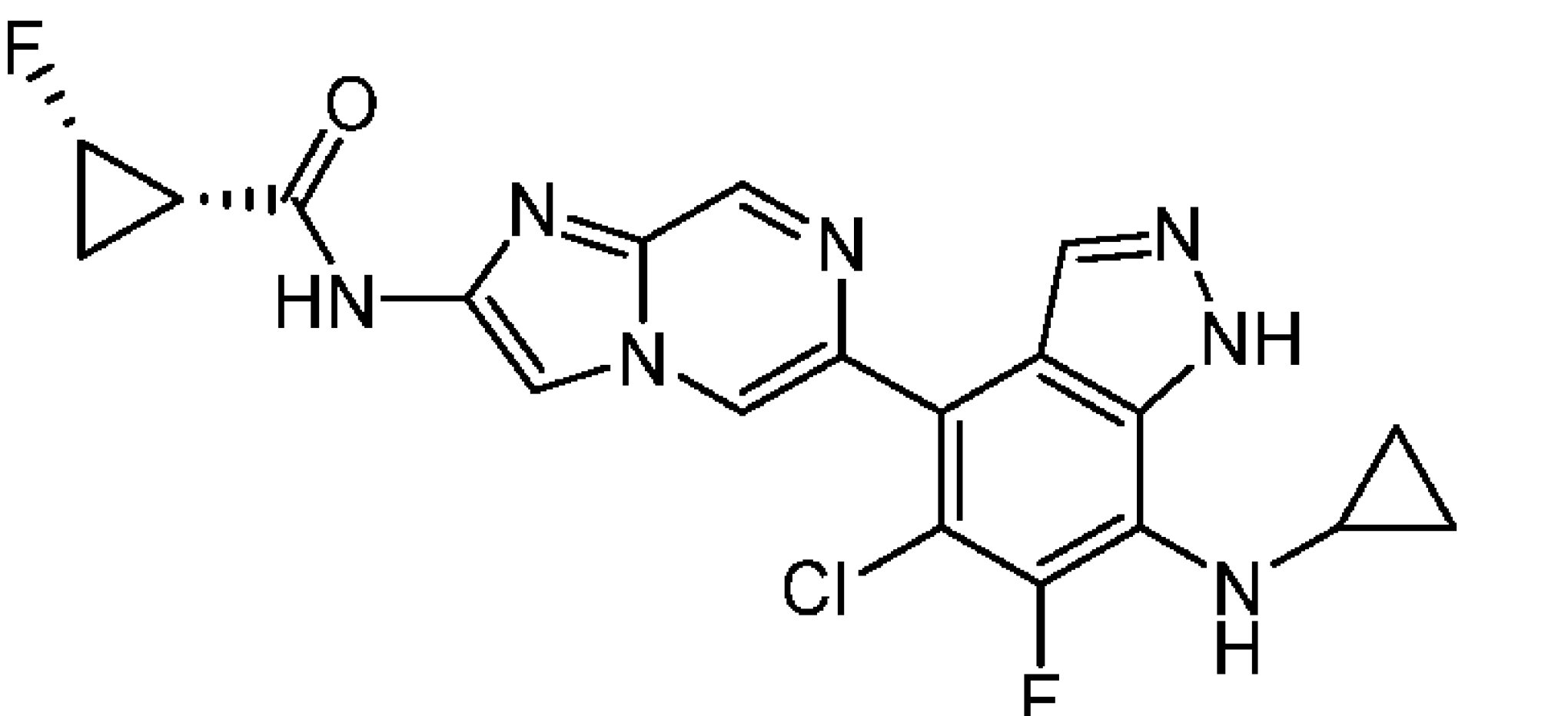
	yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	LCMS(electrospray) m/z 474 (M+H+).	
51	 <p>(1S,2S)-N-(6-(5-chloro-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.33 - 13.89 (m, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J=1.4 Hz, 1H), 8.39 (s, 1H), 8.20 (br s, 1H), 5.09 - 4.85 (m, 1H), 2.19 (td, J=7.0, 14.2 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.25 - 1.17 (m, 1H); LCMS(electrospray) m/z 407.2 (M +H+).	D
52	 <p>(1S,2S)-N-(6-(5-bromo-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 TFA</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.41 (s, 1H), 11.43 - 11.36 (m, 1H), 9.11 - 9.05 (m, 1H), 8.97 (d, J = 1.5 Hz, 1H), 8.38 (s, 1H), 7.99 (s, 1H), 7.69 - 7.65 (m, 1H), 5.21 - 4.77 (m, 1H), 2.25 - 2.13 (m, 1H), 1.74 - 1.63 (m, 1H), 1.25 - 1.18 (m, 1H); LCMS(electrospray) m/z 435.0 (M +H+).	D
53	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.71 (br s, 1H), 11.40 (s, 1H), 9.01 (s, 1H), 8.91 (d, J=1.3 Hz, 1H), 8.35 (s, 1H), 8.08 (s, 1H), 7.77 (d, J=11.4 Hz, 1H), 5.18 - 4.81 (m, 1H), 2.25 - 2.15 (m, 1H), 1.78 - 1.54 (m, 1H), 1.28 - 1.09 (m, 1H); LCMS(electrospray) m/z 423.1 (M+H+).	D
54	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(pyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.15 (s, 1H), 11.37 (s, 1H), 9.03 (s, 1H), 8.89 (s, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 5.08-4.84 (m, 1H), 3.99-3.88 (m, 1H), 3.79-3.62 (m, 4H), 2.27-2.12 (m, 1H), 2.04-1.86 (m, 5H), 1.78-1.60 (m, 1H), 1.30-1.18 (m, 1H); LCMS (electrospray) m/z 458.1 (M+H)+.	D

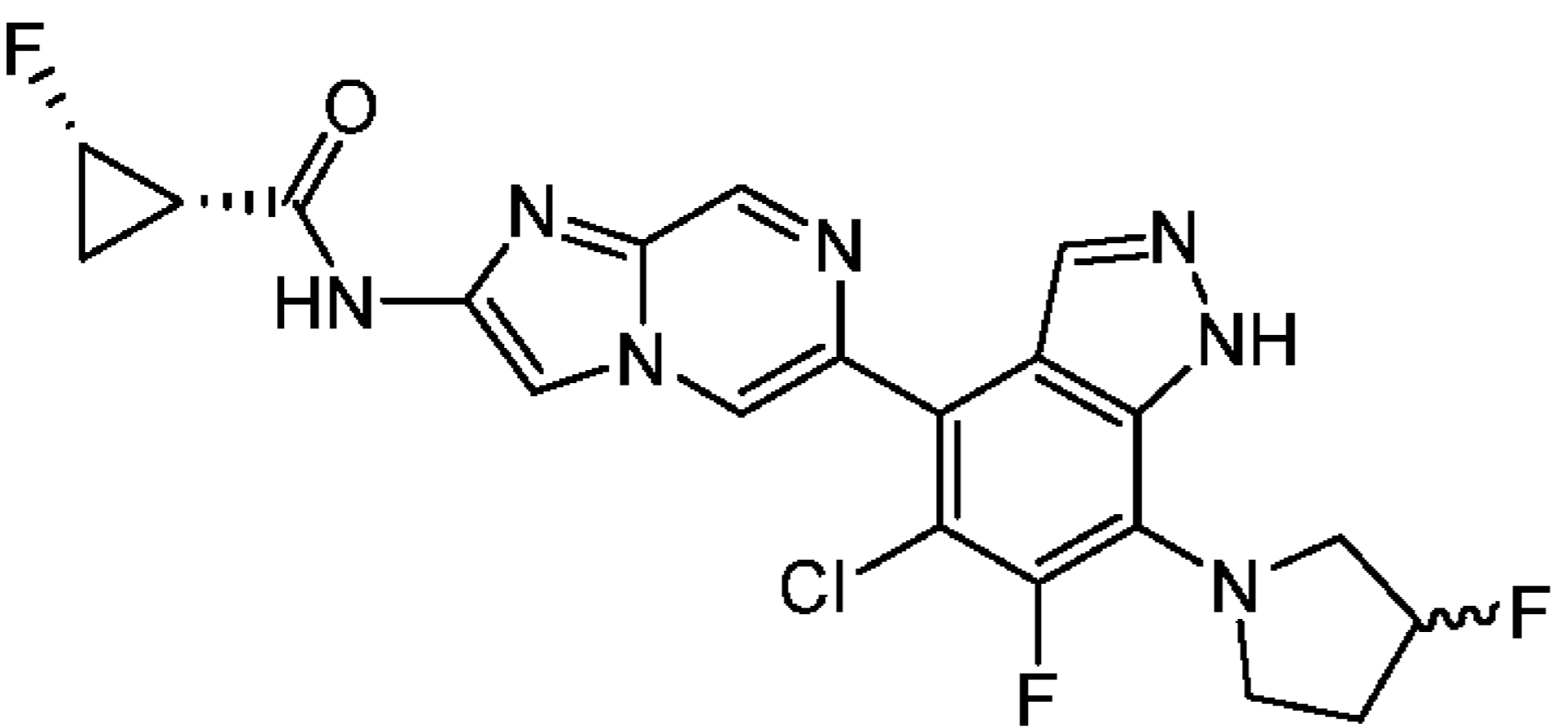
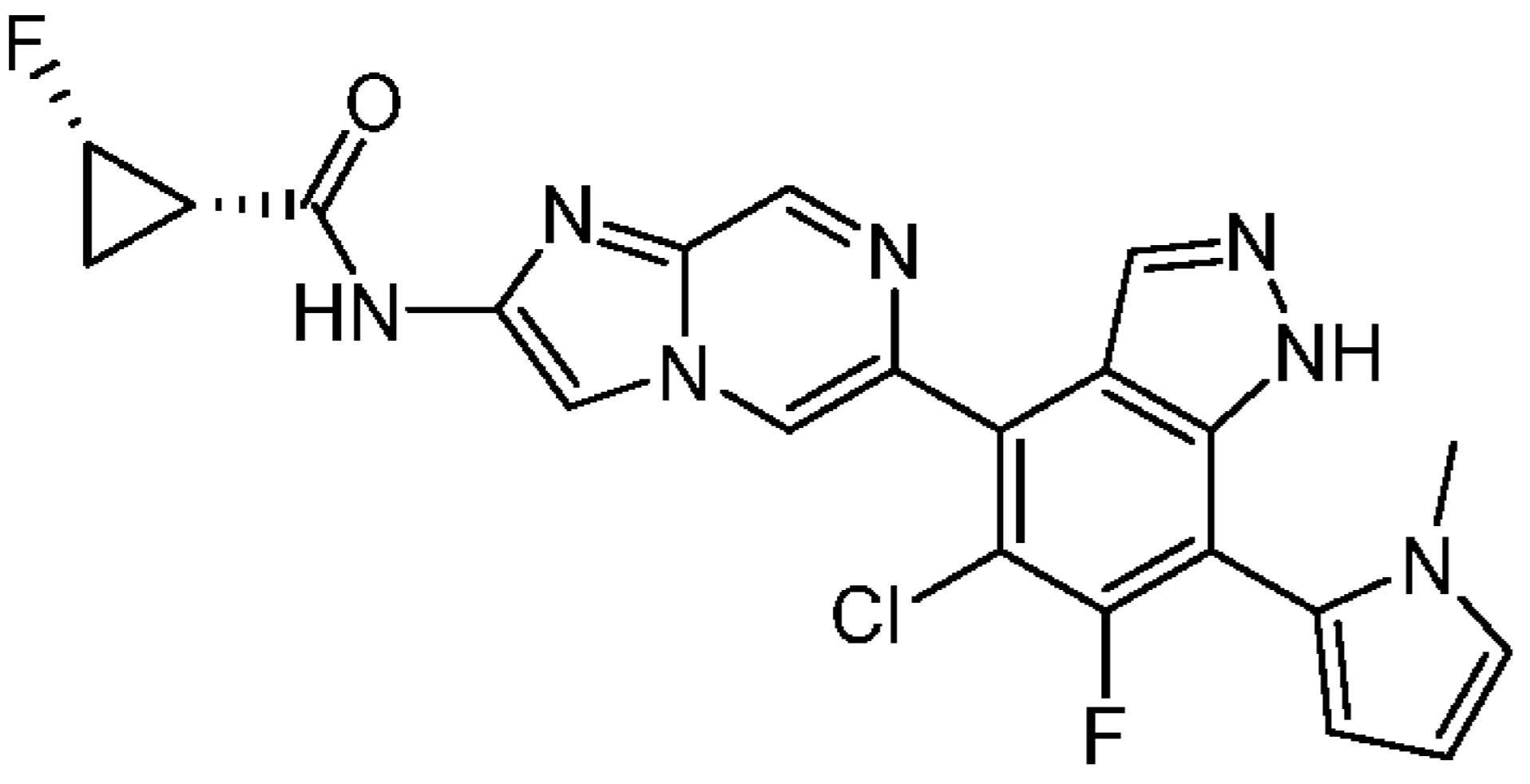
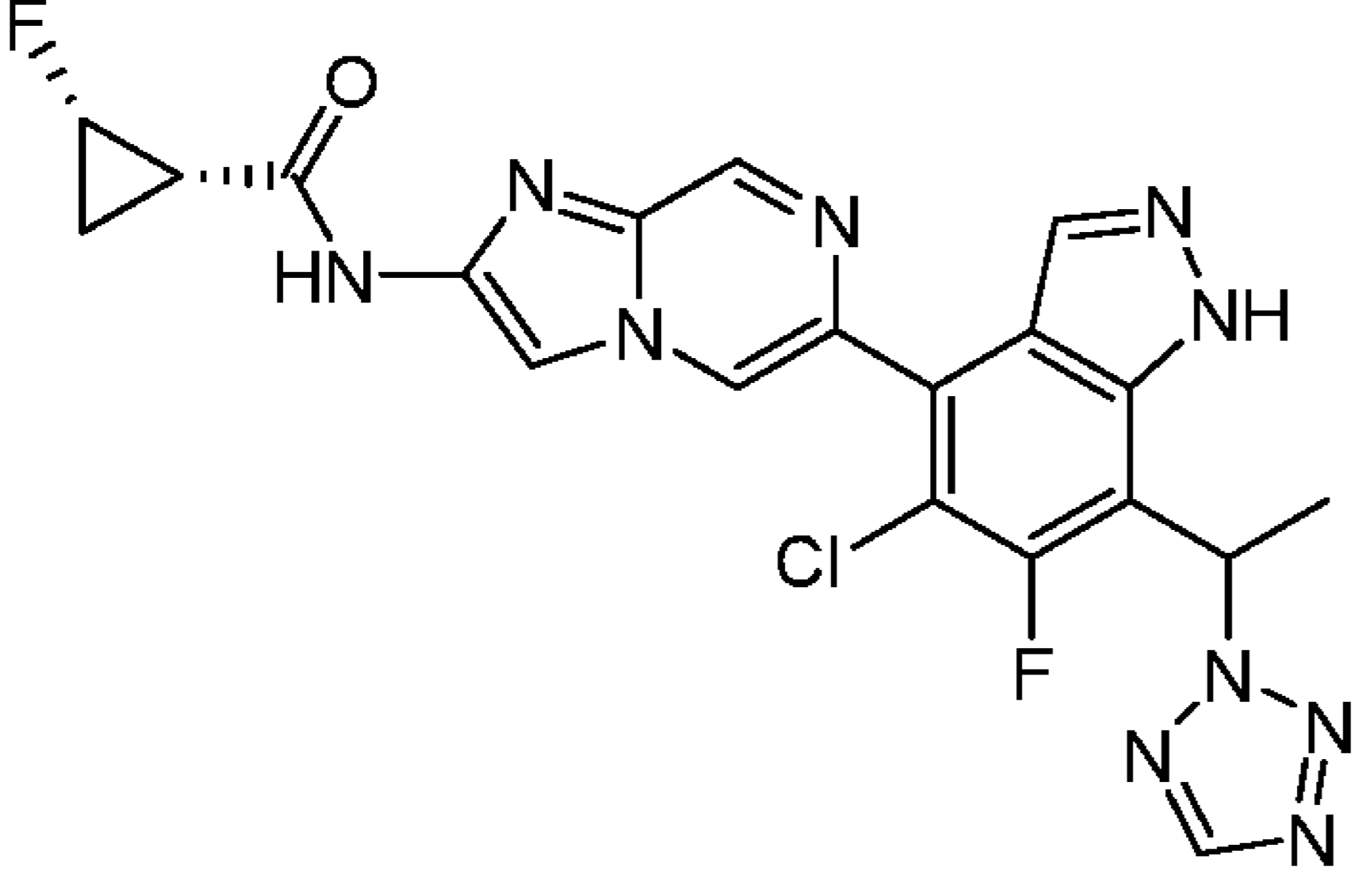
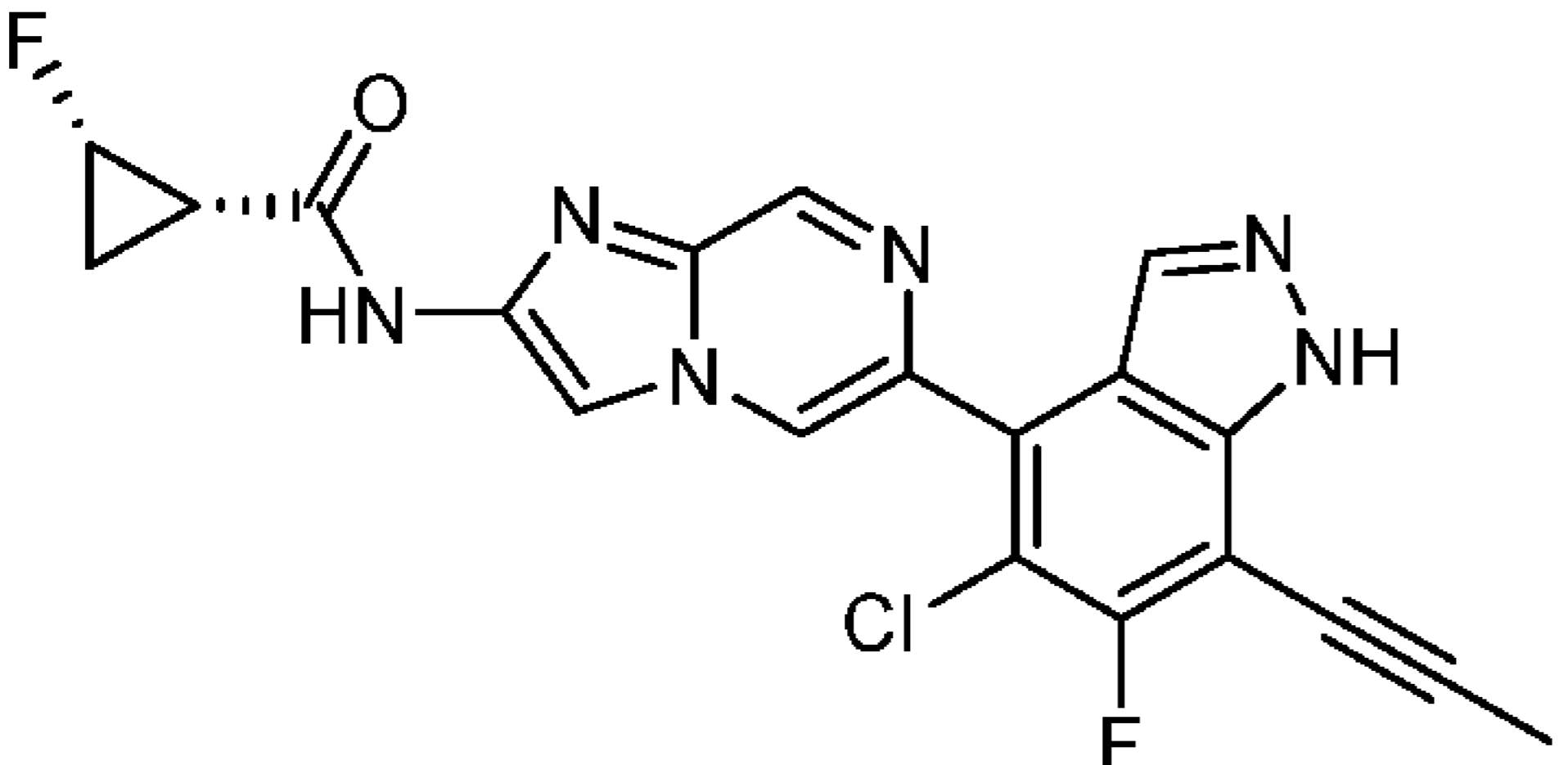
55	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(piperidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.36 (s, 1H), 11.41 (s, 1H), 9.05 (d, J = 4.9 Hz, 1H), 8.95 (d, J = 1.1 Hz, 1H), 8.37 (d, J = 4.4 Hz, 1H), 8.01 (s, 1H), 5.14-4.81 (m, 1H), 3.30-3.08 (m, 4H), 2.26-2.10 (m, 1H), 1.79 - 1.71 (m, 4H), 1.71-1.55 (m, 3H), 1.26-1.15 (m, 1H); LCMS (electrospray) m/z 472.1 (M+H) ⁺ .	D
56	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-hydroxypropyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.14 (s, 1H), 11.38 (s, 1H), 9.02 (s, 1H), 8.89 (s, 1H), 8.35 (s, 1H), 7.94 (s, 1H), 5.64 (s, 1H), 5.11-4.80 (m, 1H), 4.68 (s, 1H), 3.63 - 3.48 (m, 4H), 2.25-2.10 (m, 1H), 1.78-1.63 (m, 3H), 1.32-1.10 (m, 1H); LCMS (electrospray) m/z 462.1 (M+H) ⁺ .	D
57	 <p>(1S,2S)-N-(6-(7-(azetidin-1-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.03 (s, 1H), 11.38 (s, 1H), 9.02 (s, 1H), 8.88 (s, 1H), 8.36 (s, 1H), 7.97 (s, 1H), 5.11-4.82 (m, 1H), 4.49 - 4.34 (s, 4H), 2.36 (q, J = 7.3 Hz, 2H), 2.25-2.13 (m, 1H), 1.76 - 1.63 (m, 1H), 1.22-1.13 (m, 1H); LCMS (electrospray) m/z 444.1 (M+H) ⁺ .	D
58	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.49 (s, 1H), 11.41 (s, 1H), 9.05 (s, 1H), 8.96 (s, 1H), 8.36 (s, 1H), 8.00 (s, 1H), 5.03 - 4.83 (m, 1H), 3.01 (br, 4H), 2.17-2.14 (m, 1H), 1.69 - 1.62 (m, 1H), 1.19 - 1.14 (m, 1H) 0.64-0.59 (m, 2H), 0.48-0.45 (m, 2H); LCMS (electrospray) m/z 458.1 (M+H) ⁺ .	D
59	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.50 (s, 1H), 11.38 (s, 1H), 9.01 (s, 1H), 8.87 (s, 1H), 8.34 (s, 1H), 7.92 (s, 1H), 5.03 - 4.83 (m, 1H), 3.15 (t, J = 4.6 Hz, 3H), 2.17-2.14 (m, 1H), 1.69 - 1.62 (m, 1H), 1.19 - 1.14 (m, 1H); LCMS (electrospray) m/z 418.1 (M+H) ⁺ .	D

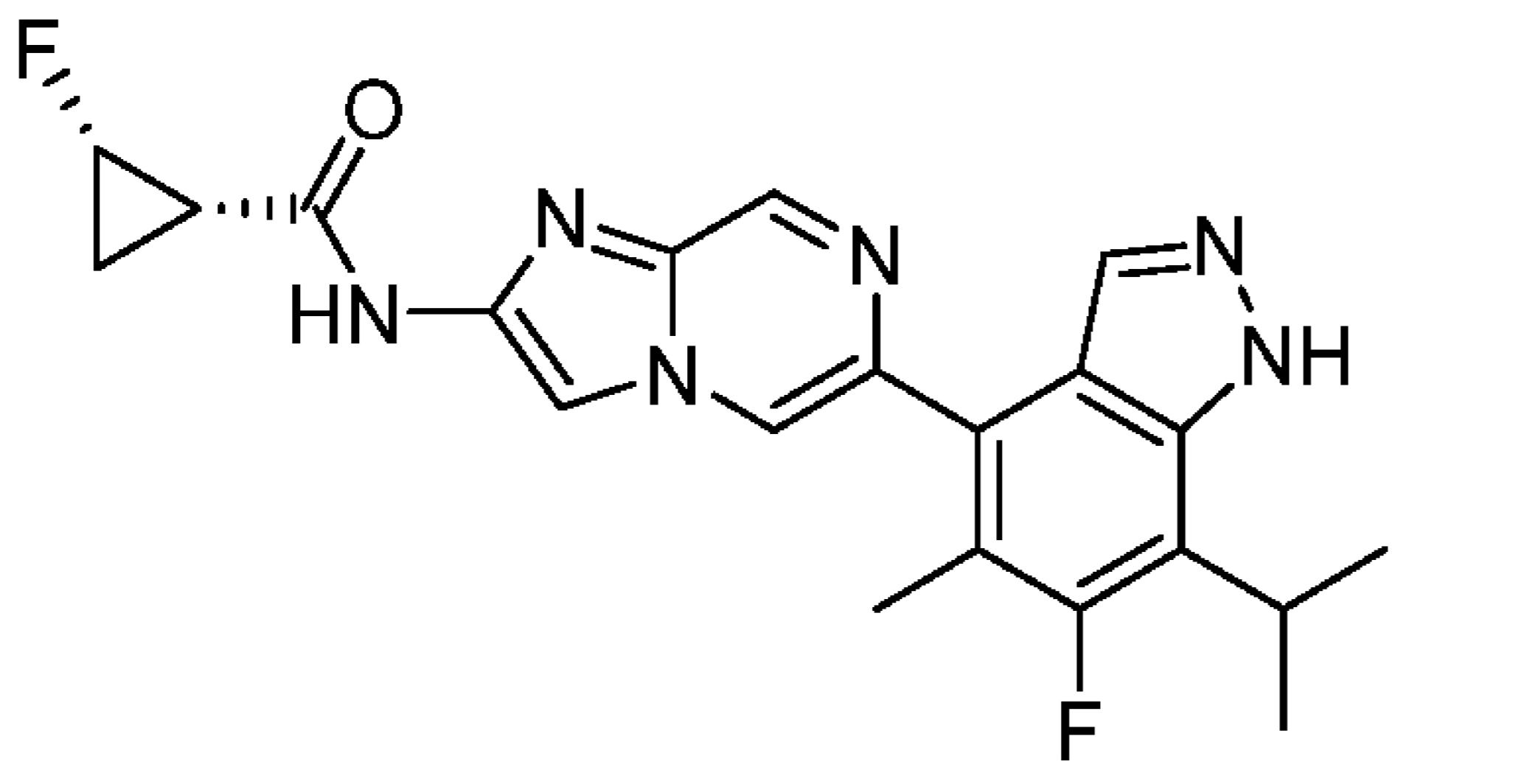
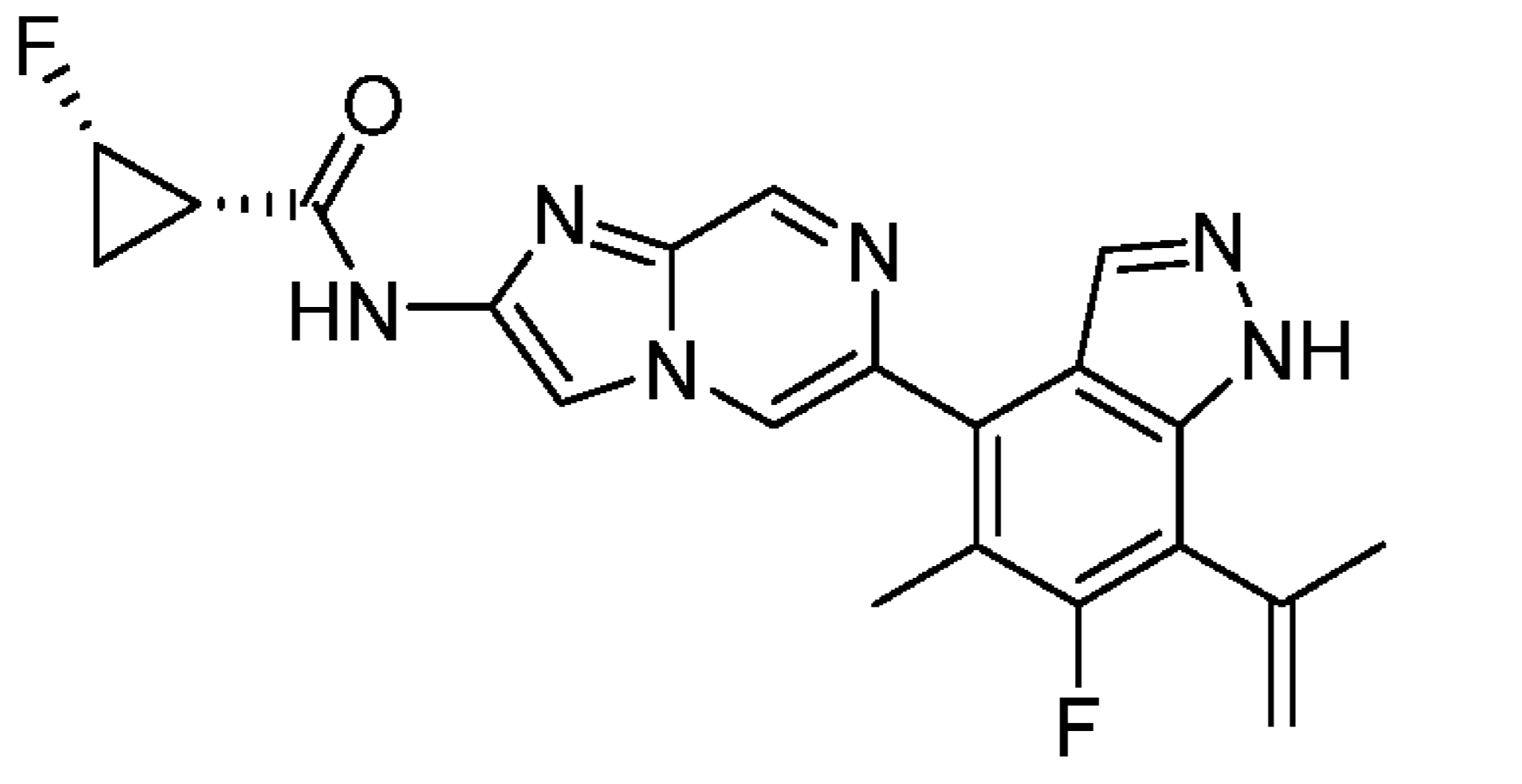
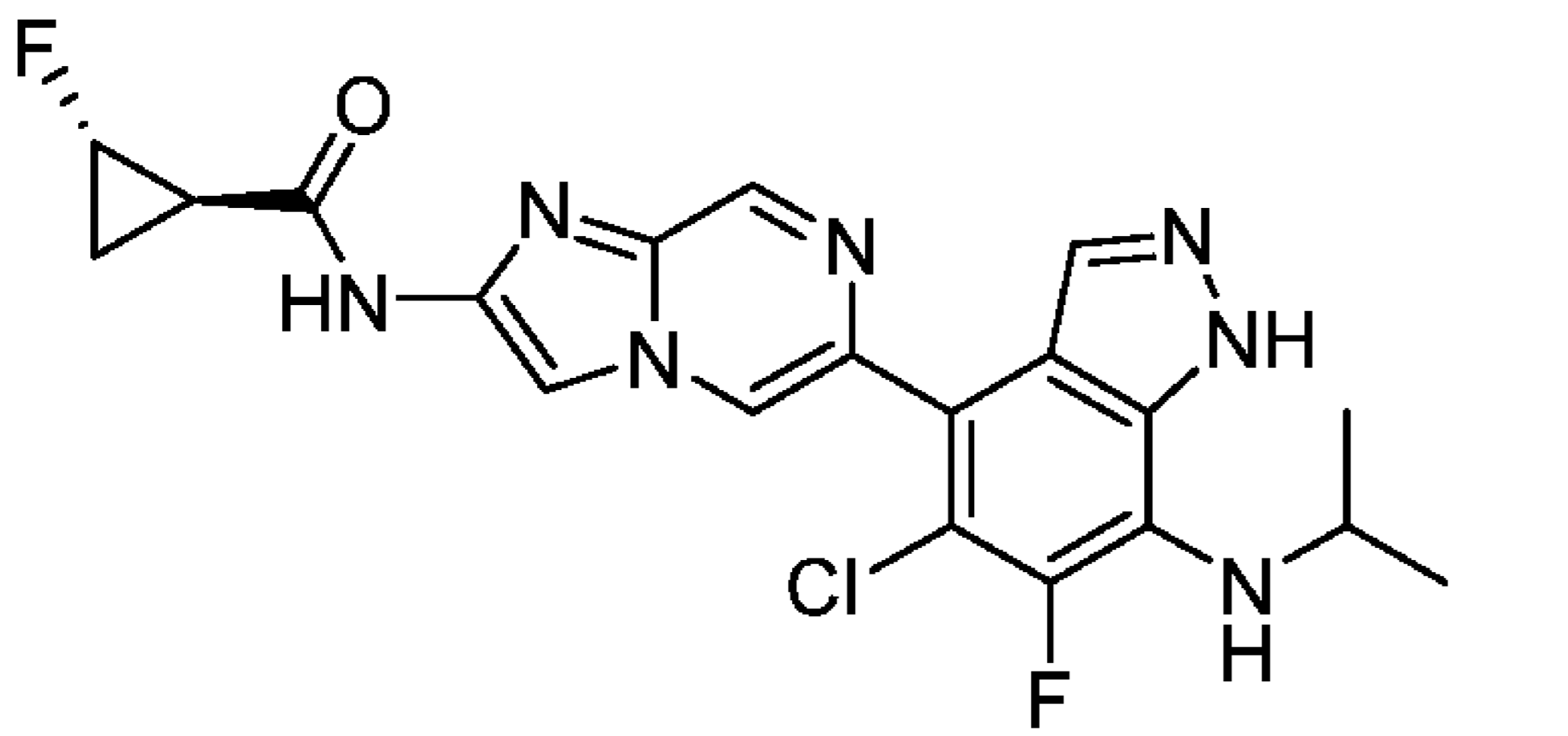
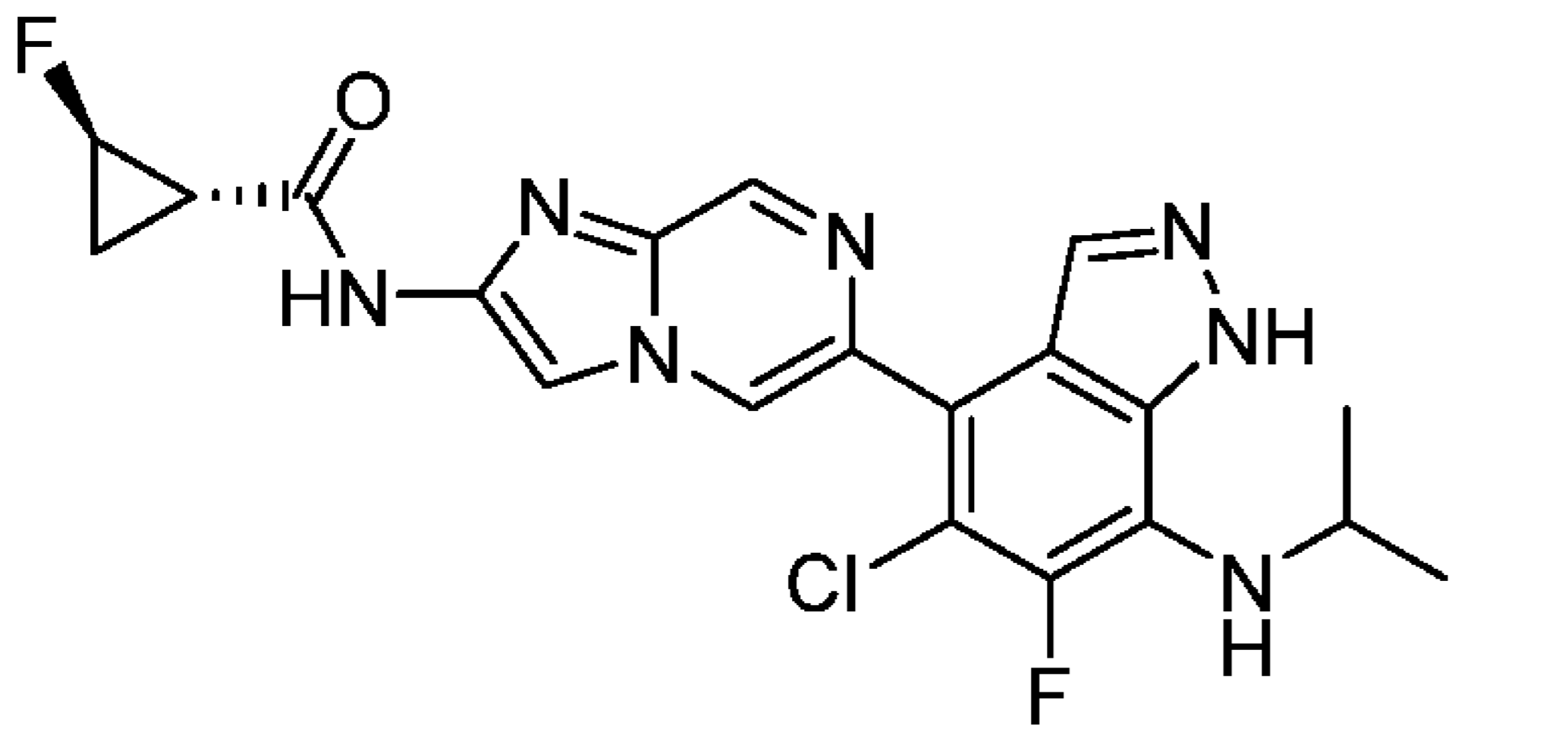
	yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		
60	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-thiomorpholino-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.43 (s, 1H), 11.41 (s, 1H), 9.06 (s, 1H), 8.96 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.03 (d, J = 1.6 Hz, 1H), 5.08 - 4.85 (m, 1H), 3.52 - 3.44 (s, 4H), 2.91 - 2.86 (m, 4H), 2.26-2.12 (m, 1H), 1.78-1.60 (m, 1H), 1.31-1.12 (m, 1H); LCMS (electrospray) m/z 490.1 (M+H) ⁺ .	D
61	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.18 (s, 1H), 11.37 (s, 1H), 9.03 (s, 1H), 8.91 (d, J = 1.6 Hz, 1H), 8.35 (s, 1H), 7.97 (s, 1H), 5.21 (d, J = 10.0 Hz, 1H), 5.06 - 4.86 (m, 1H), 4.05 (m, 1H), 2.20 - 2.15 (m, 1H), 1.72 - 1.65 (m, 1H), 1.28 - 1.16 (m, 7H) ; LCMS (electrospray) m/z 446.10 (M+H) ⁺ .	E
62	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropyl(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.38 (s, 1H), 11.41 (s, 1H), 9.06 (s, 1H), 8.97 (d, J = 1.2 Hz, 1H), 8.37 (s, 1H), 8.01 (s, 1H), 5.06 - 4.86 (m, 1H), 3.56 (m, 1H), 2.90 (d, J = 2.8 Hz, 3H), 2.20 - 2.17 (m, 1H), 1.72 - 1.65 (m, 1H), 1.23 - 1.13 (m, 7H) ; LCMS (electrospray) m/z 460.10 (M+H) ⁺ .	E
63	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.46 (br s, 1H), 11.41 (s, 1H), 9.08 (dd, J = 0.7, 1.3 Hz, 1H), 9.00 (d, J = 1.5 Hz, 1H), 8.39 (s, 1H), 8.07 (s, 1H), 5.64 (s, 1H), 5.39 (s, 1H), 5.13 - 4.78 (m, 1H), 2.22 (s, 3H), 2.21 - 2.13 (m, 1H), 1.76 - 1.62 (m, 1H), 1.21 (tdd, J = 6.2, 9.0, 12.5 Hz, 1H); LCMS (electrospray) m/z 429.2 (M+H) ⁺ .	D

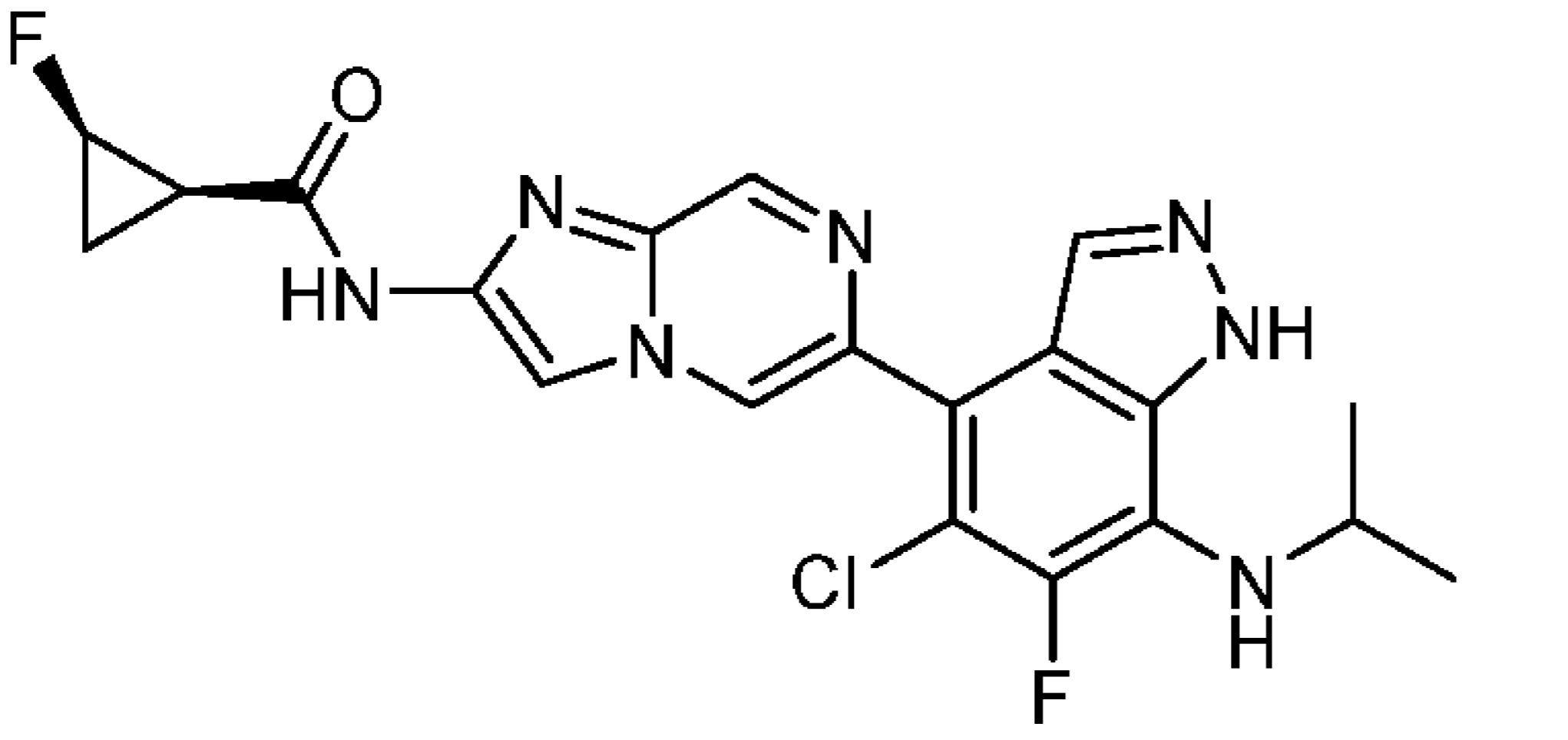
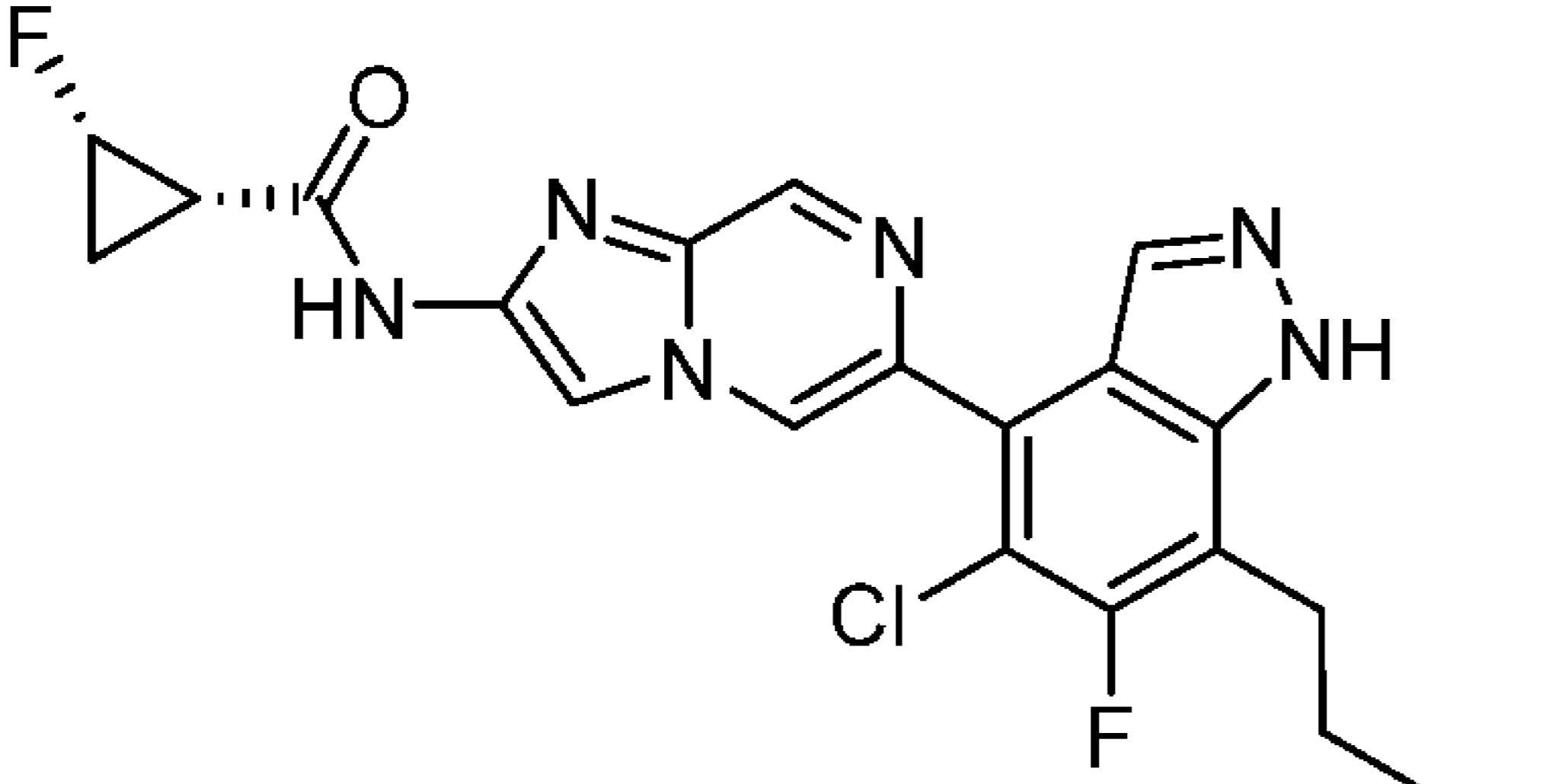
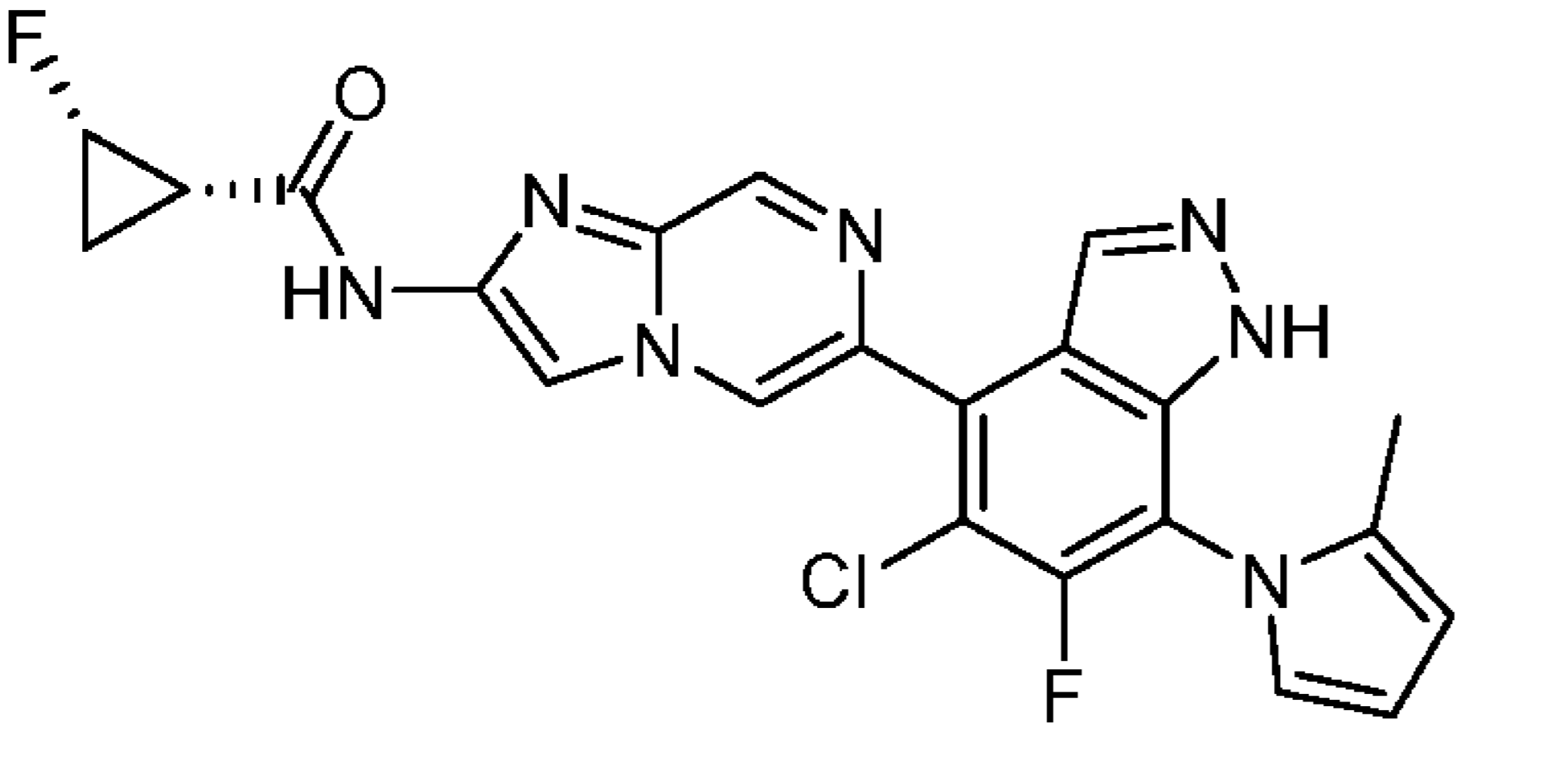
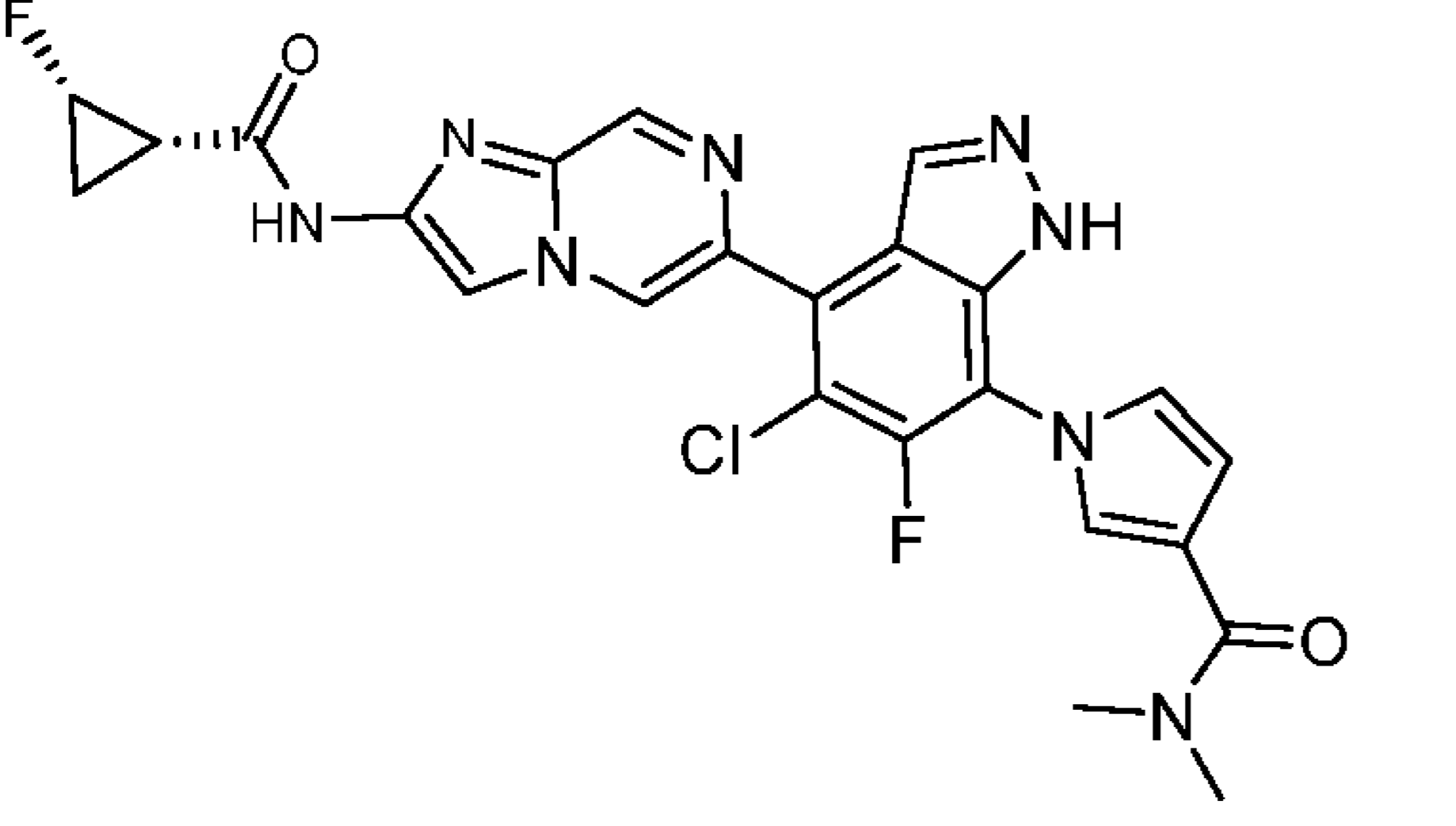
64	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.52 (br s, 1H), 11.40 (s, 1H), 9.14 - 8.87 (m, 2H), 8.38 (s, 1H), 8.04 (br s, 1H), 5.17 - 4.75 (m, 1H), 3.66 - 3.59 (m, 1H), 2.19 (td, J = 7.0, 13.6 Hz, 1H), 1.75 - 1.62 (m, 1H), 1.45 (br d, J = 7.0 Hz, 6H), 1.20 (tdd, J = 6.3, 8.9, 12.3 Hz, 1H); LCMS (electrospray) m/z 431.2 (M+H) ⁺ .	F
65	 <p>(1S,2S)-N-(6-(5-chloro-7-((1-cyanoethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.16 (s, 1H), 11.19 (s, 1H), 9.01 (s, 1H), 8.91 (s, 1H), 8.35 (s, 1H), 8.02 (s, 1H), 6.03 (s, 1H), 5.16-4.77 (m, 2H), 2.32-2.11 (m, 1H), 1.81-1.64 (m, 4H), 1.24-1.09 (m, 1H); LCMS (electrospray) m/z 457.10 (M+H) ⁺ .	D
66	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.61 (s, 1H), 11.29 (s, 1H), 9.08 (s, 1H), 9.02 (d, J = 1.1 Hz, 1H), 8.42 (s, 1H), 8.16 (s, 1H), 7.23 (s, 2H), 6.42 (s, 2H), 5.12-4.79 (m, 1H), 2.28-2.14 (m, 1H), 1.79-1.63 (m, 1H), 1.32-1.19 (m, 1H); LCMS (electrospray) m/z 454.10 (M+H) ⁺ .	D
67	 <p>(1S,2S)-N-(6-(7-amino-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.89 (s, 1H), 11.32 (s, 1H), 8.98 (s, 1H), 8.85 (d, J = 1.6 Hz, 1H), 8.31 (s, 1H), 7.89 (d, J = 1.6 Hz, 1H), 5.79 (s, 2H), 5.06-4.78 (m, 1H), 2.20-2.09 (m, 1H), 1.73-1.56 (m, 1H), 1.18-1.13 (m, 1H); LCMS (electrospray) m/z 404.05 (M+H) ⁺ .	D
68	 <p>(1S,2S)-N-(6-(5-chloro-7-((2-cyanoethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.18 (s, 1H), 11.25 (s, 1H), 9.02 (s, 1H), 8.92 (s, 1H), 8.35 (s, 1H), 8.02 (s, 1H), 6.66-6.18 (m, 1H), 5.08-4.48 (m, 3H), 2.27-2.14 (m, 1H), 1.79-1.61 (m, 1H), 1.20-1.09 (m, 1H); LCMS (electrospray) m/z 443.10 (M+H) ⁺ .	D

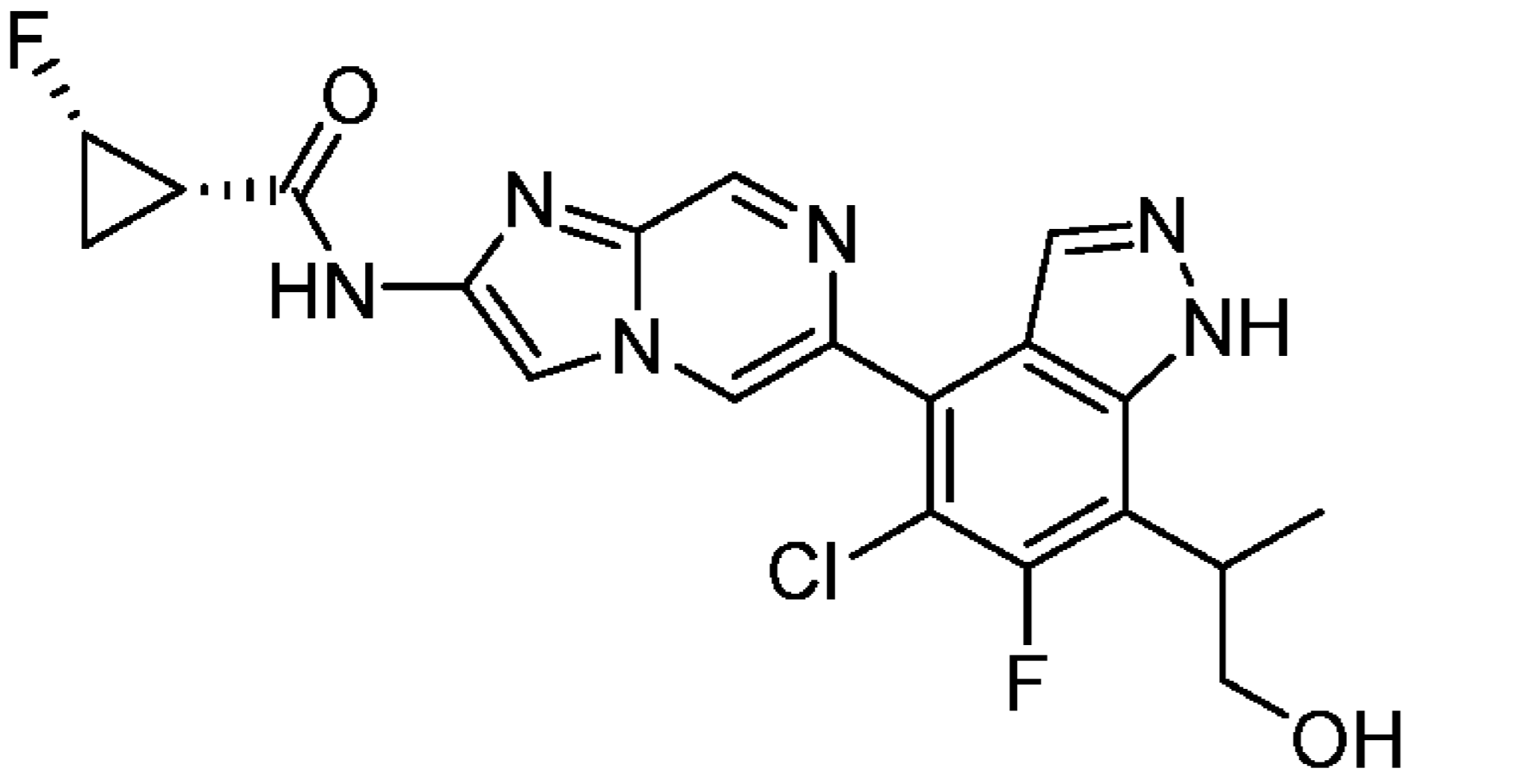
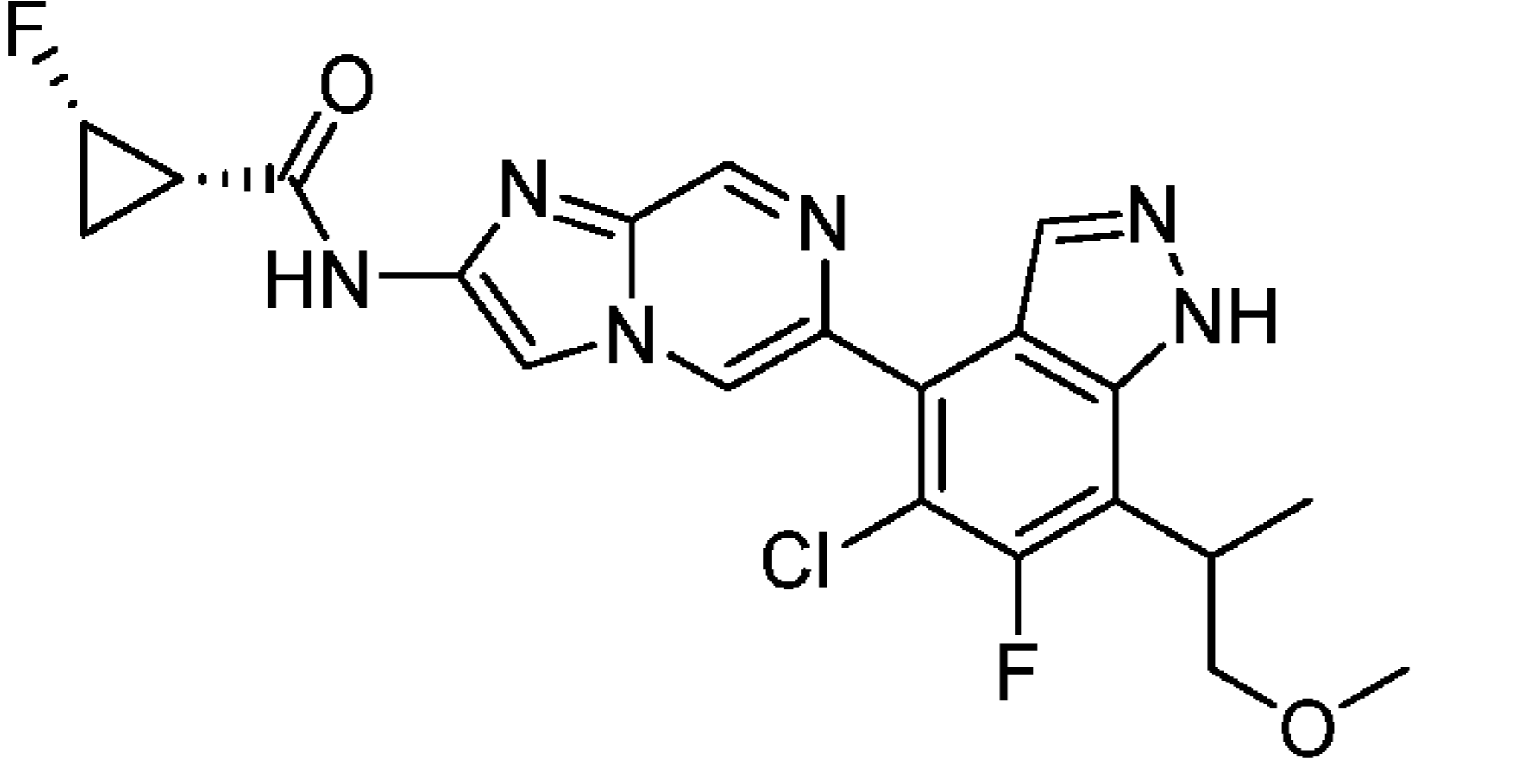
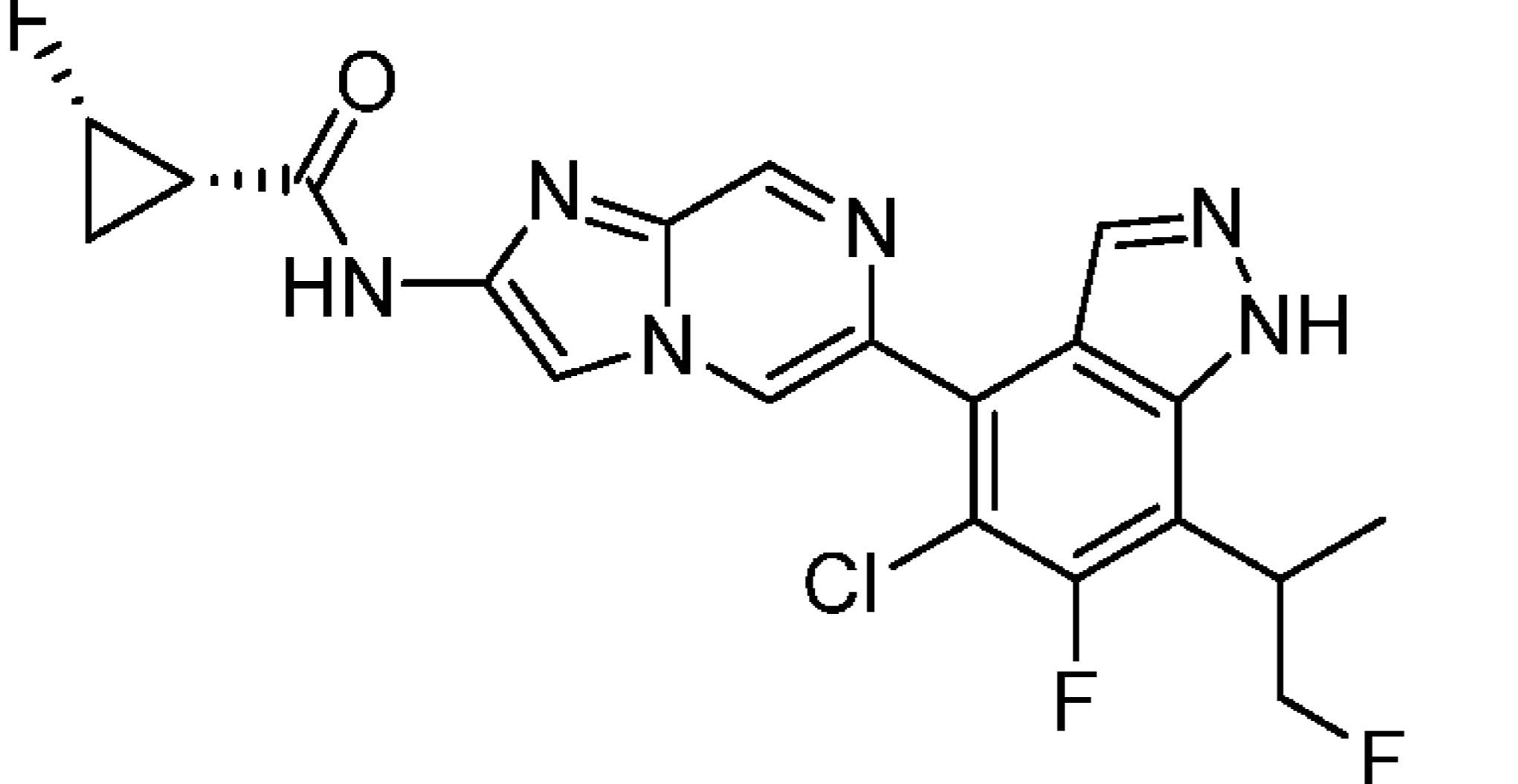
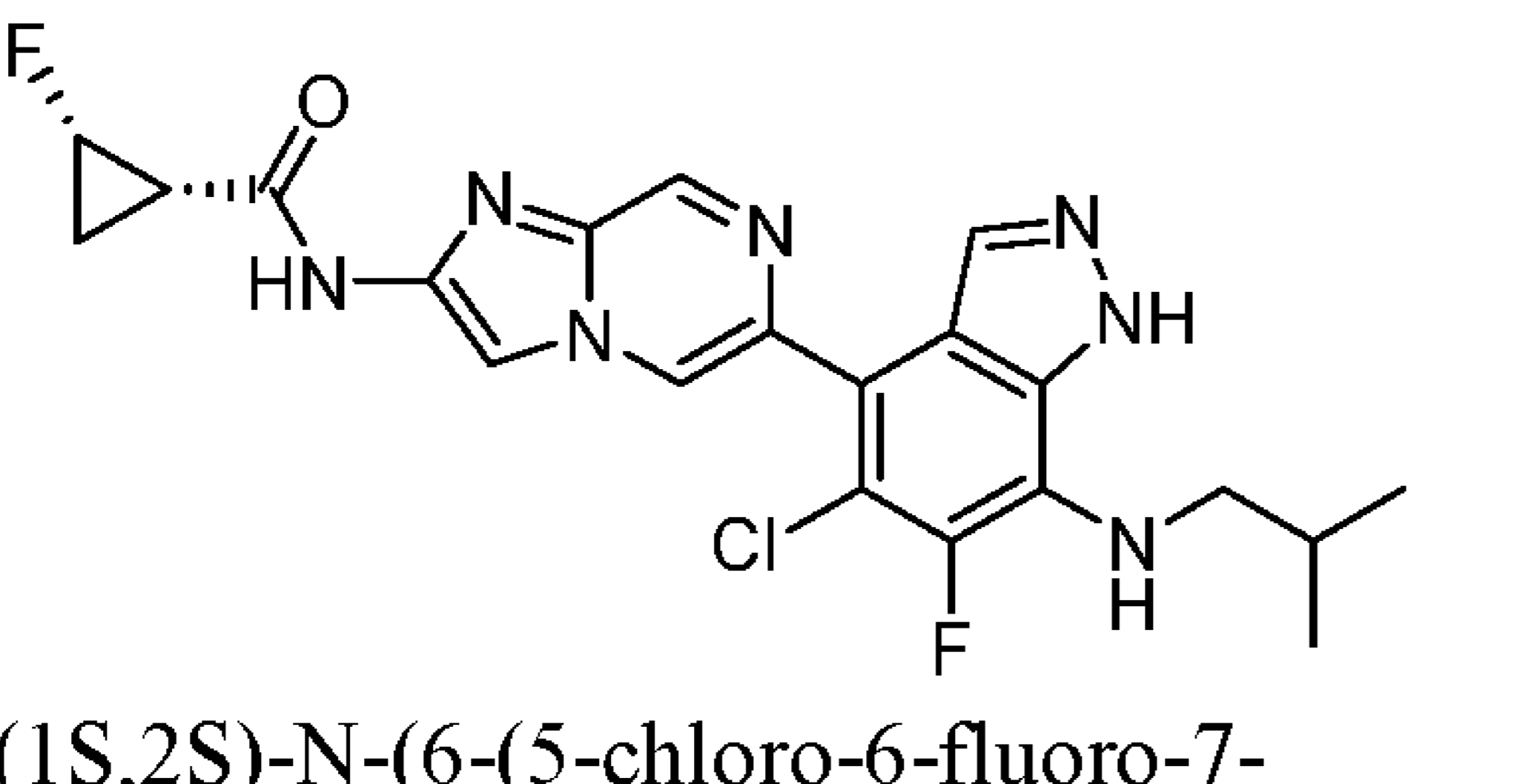
	((cyanomethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		
69	 <p>(1S,2S)-N-(6-(7-((2H-tetrazol-2-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.93 (s, 1H), 11.42 (s, 1H), 9.09 (s, 1H), 9.06 (d, J = 1.1 Hz, 1H), 9.00 (s, 1H), 8.39 (s, 1H), 8.17 (s, 1H), 6.37 (s, 2H), 5.07-4.86 (m, 1H), 2.22-2.15 (m, 1H), 1.73-1.63 (m, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 471.10 (M+H) ⁺ .	D
70	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-hydroxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.87 (br s, 1H), 11.39 (s, 1H), 9.06 (s, 1H), 8.97 (s, 1H), 8.38 (s, 1H), 7.97 (s, 1H), 6.05 (br s, 1H), 5.13 - 4.82 (m, 1H), 2.19 (br s, 1H), 1.70 (s, 6H), 1.63 (br s, 1H), 1.21 (br s, 1H); LCMS (electrospray) m/z 447.0 (M+H) ⁺ .	D
71	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-vinyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.96 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.03 (d, J = 1.4 Hz, 1H), 8.39 (s, 1H), 8.15 (br s, 1H), 7.11 (dd, J = 11.8, 17.9 Hz, 1H), 6.39 - 6.22 (m, 1H), 5.84 (d, J = 11.9 Hz, 1H), 5.12 - 4.80 (m, 1H), 2.26 - 2.12 (m, 1H), 1.77 - 1.60 (m, 1H), 1.21 (tdd, J = 6.3, 9.1, 12.4 Hz, 1H); LCMS (electrospray) m/z 415.1 (M+H) ⁺ .	D
72	 <p>(1S,2S)-N-(6-(7-acetyl-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.68 (br s, 1H), 11.42 (s, 1H), 9.10 (s, 2H), 8.49 - 8.37 (m, 1H), 8.17 (s, 1H), 5.09 - 4.84 (m, 1H), 2.77 (d, J=6.2 Hz, 3H), 2.25 - 2.12 (m, 1H), 1.74 - 1.62 (m, 1H), 1.27 - 1.21 (m, 1H); LCMS (electrospray) m/z 431.1 (M+H) ⁺ .	D

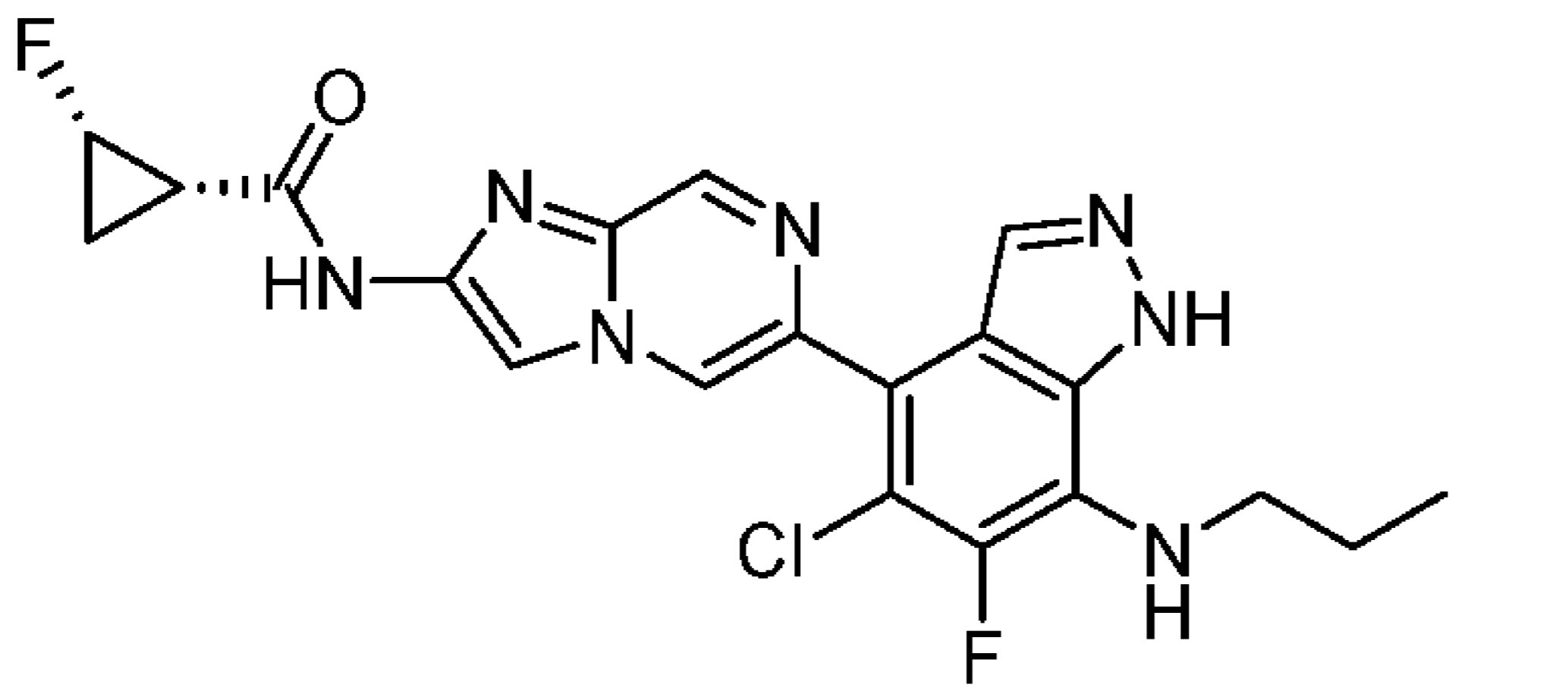
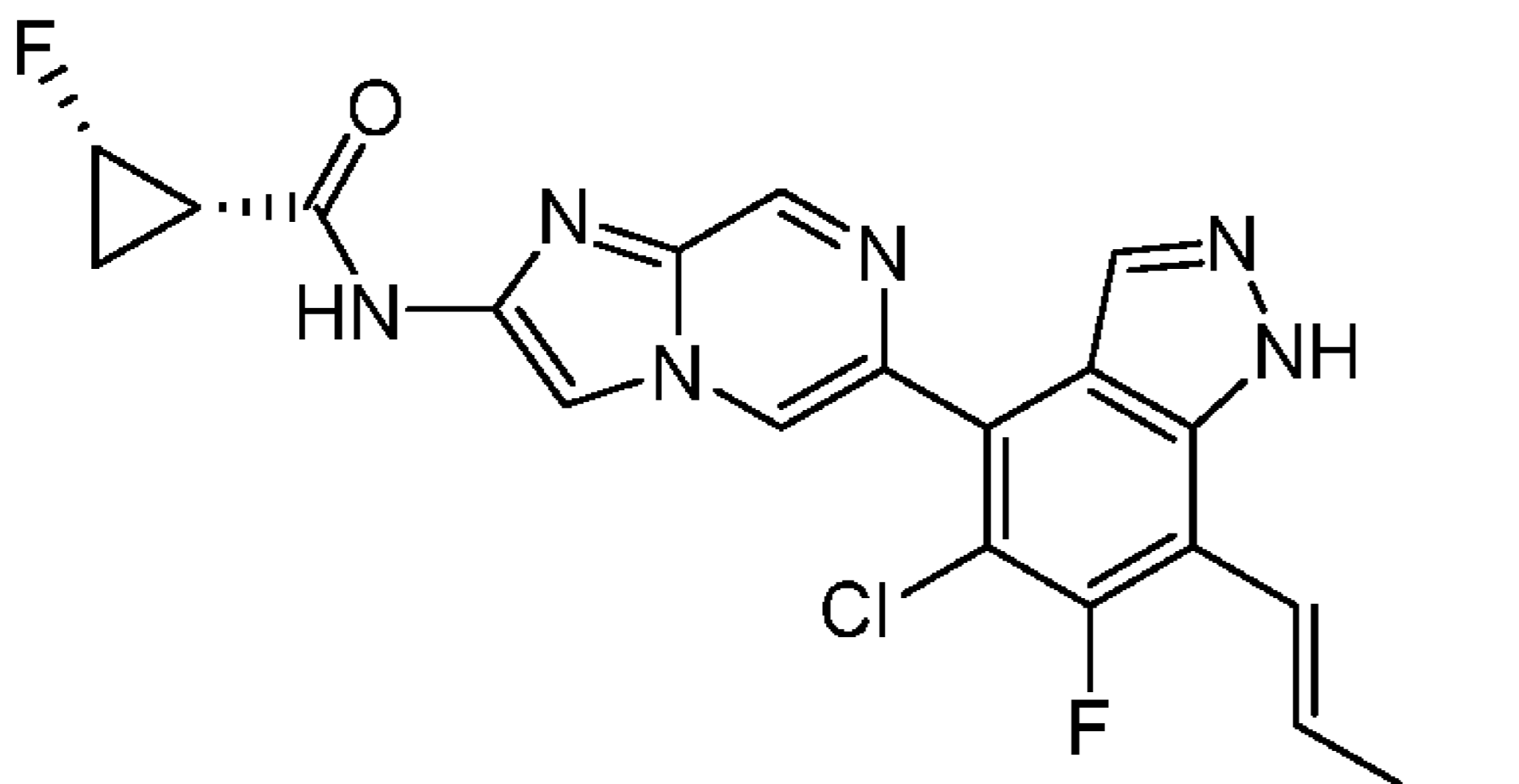
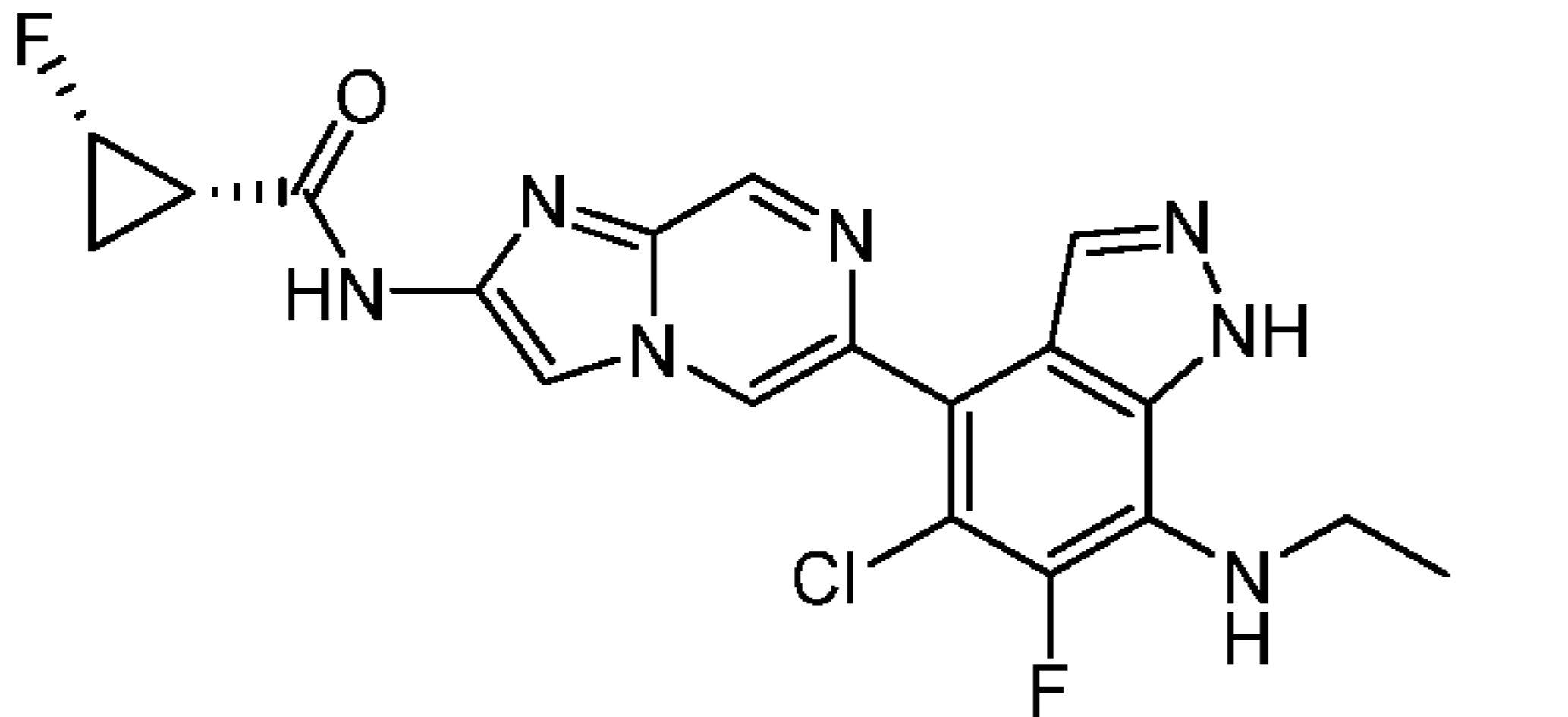
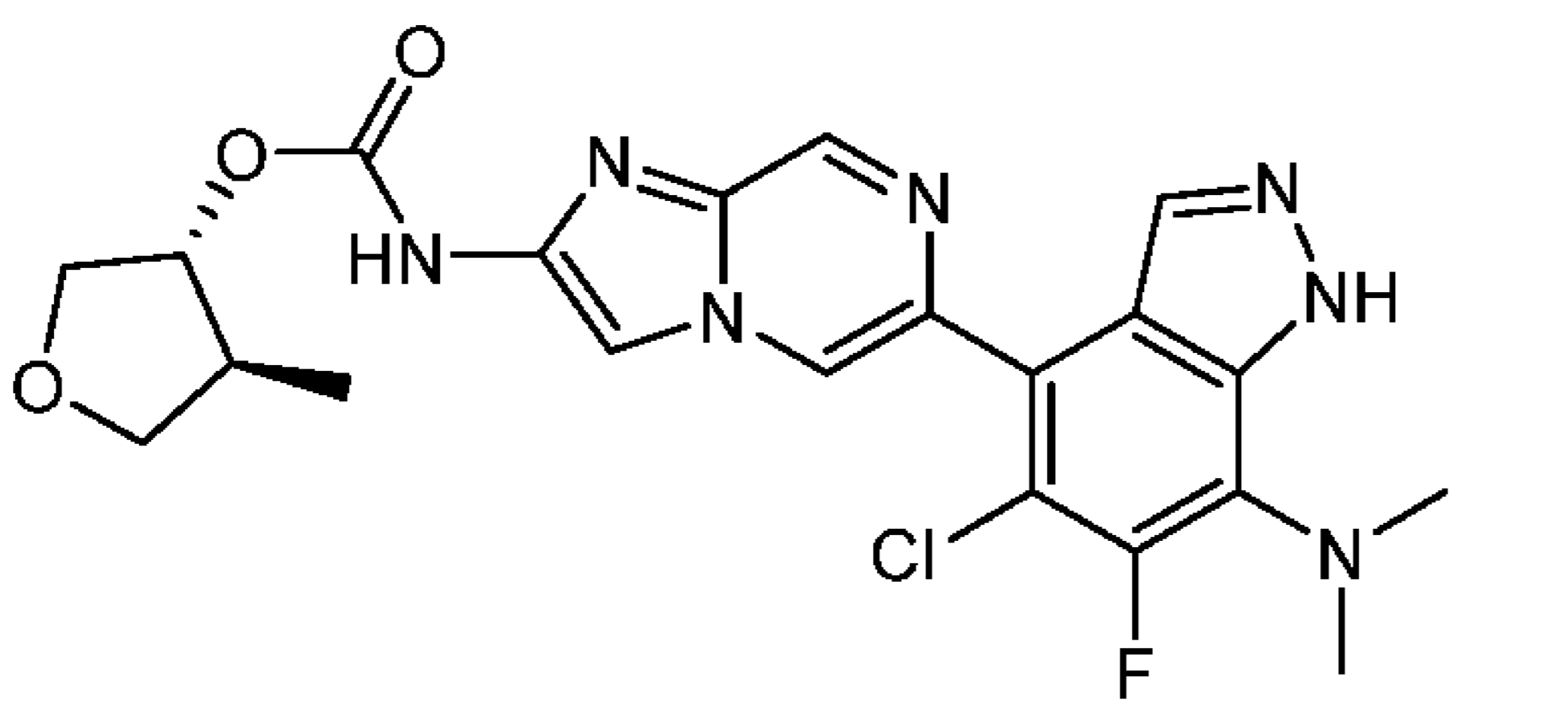
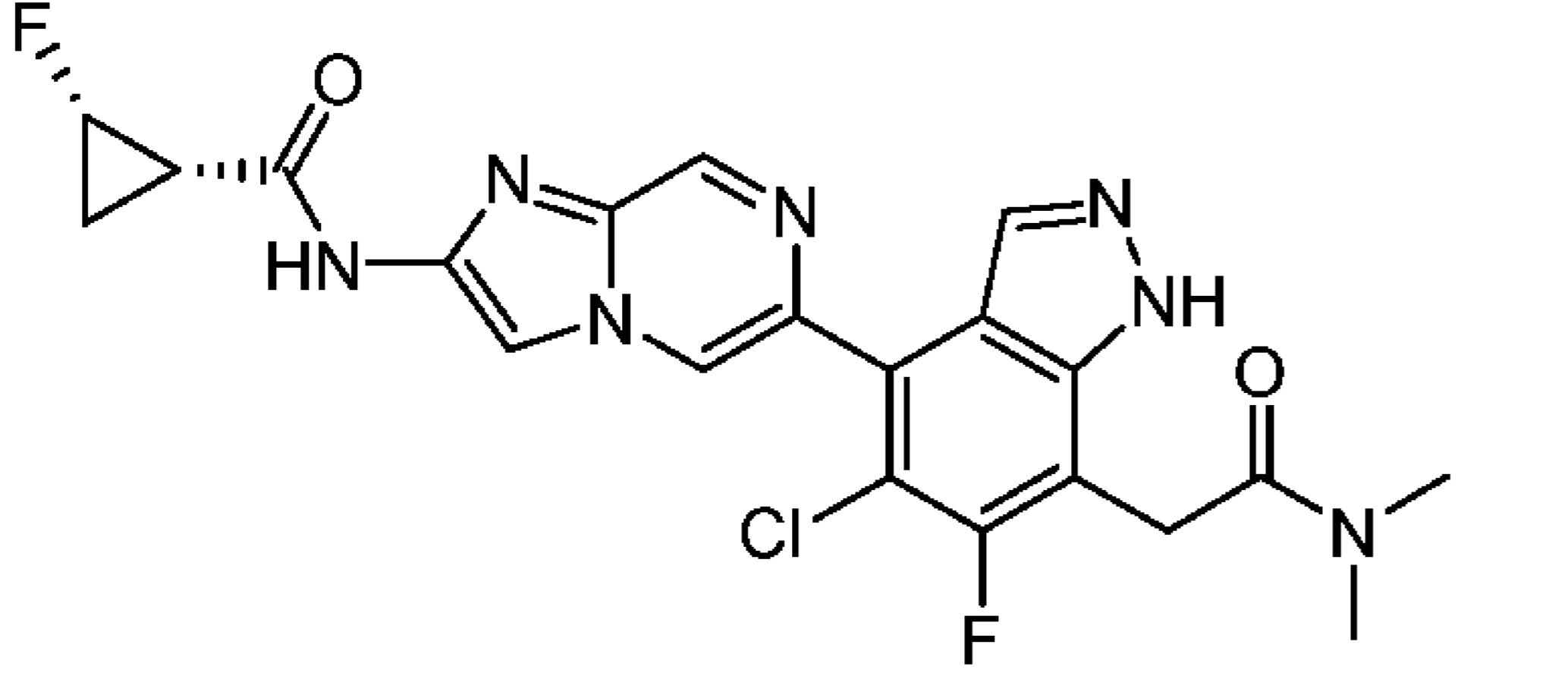
73	 <p>(1S,2S)-N-(6-(5-chloro-7-cyclopropyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.74 (s, 1H), 11.39 (s, 1H), 9.06 (s, 1H), 8.96 (d, J = 1.4 Hz, 1H), 8.38 (s, 1H), 8.04 (br s, 1H), 5.18 - 4.72 (m, 1H), 2.25 - 2.11 (m, 2H), 1.76 - 1.62 (m, 1H), 1.25 - 1.19 (m, 1H), 1.18 - 1.10 (m, 2H), 1.06 - 0.92 (m, 2H); LCMS (electrospray) m/z 429.3 (M+H) ⁺ .	D
74	 <p>(1S,2S)-N-(6-(5-chloro-7-(2-ethoxypropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.93 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J=1.3 Hz, 1H), 8.39 (s, 1H), 8.01 (s, 1H), 5.11 - 4.84 (m, 1H), 3.29 - 3.03 (m, 2H), 2.20 (td, J=7.0, 13.7 Hz, 1H), 1.75 (br d, J=3.3 Hz, 6H), 1.68 (br dd, J=3.8, 7.1 Hz, 1H), 1.25 - 1.18 (m, 1H), 1.14 (t, J=7.0 Hz, 3H); LCMS (electrospray) m/z 475.1 (M+H) ⁺ .	D
75	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.98 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 8.99 (d, J=1.3 Hz, 1H), 8.38 (s, 1H), 8.00 (s, 1H), 5.13 - 4.81 (m, 1H), 3.18 (s, 3H), 2.19 (td, J=7.0, 13.7 Hz, 1H), 1.72 (br d, J=2.4 Hz, 6H), 1.69 - 1.60 (m, 1H), 1.24 - 1.18 (m, 1H); LCMS (electrospray) m/z 461.0 (M+H) ⁺ .	D
76	 <p>(1S,2S)-N-(6-(7-(tert-butylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.36 (s, 1H), 11.41 (s, 1H), 9.05 (s, 1H), 8.98 (d, J = 1.1 Hz, 1H), 8.36 (s, 1H), 7.98 (s, 1H), 5.07-4.86 (m, 1H), 4.49 (s, 1H), 2.21-2.15 (m, 1H), 1.72-1.63 (m, 1H), 1.28-1.18 (m, 10H); LCMS (electrospray) m/z 460.10 (M+H) ⁺ .	D
77	 <p>(1S,2S)-N-(6-(7-(cyclopropylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.98 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 1.1 Hz, 1H), 8.35 (s, 1H), 7.94 (s, 1H), 6.15 (s, 1H), 5.06-4.86 (m, 1H), 3.17-3.13 (m, 1H), 2.22-2.15 (m, 1H), 1.73-1.63 (m, 1H), 1.23-1.16 (m, 2H), 0.85-0.80 (m, 2H), 0.64-0.61 (m, 2H); LCMS (electrospray) m/z	D

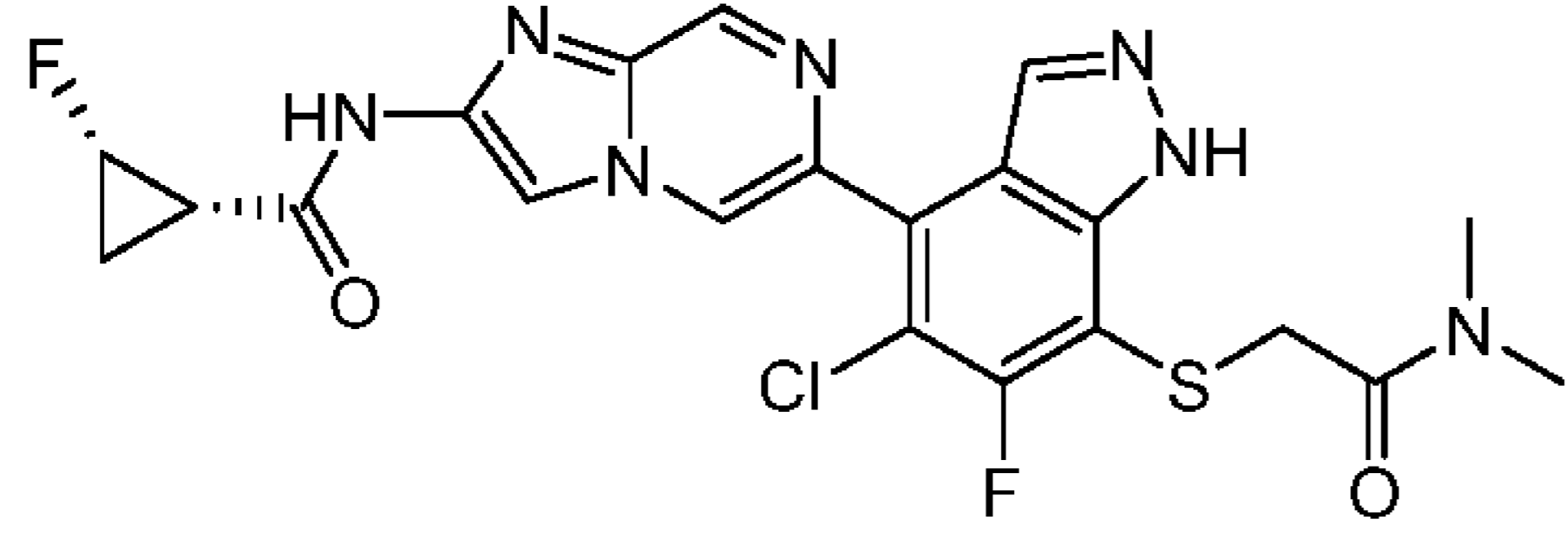
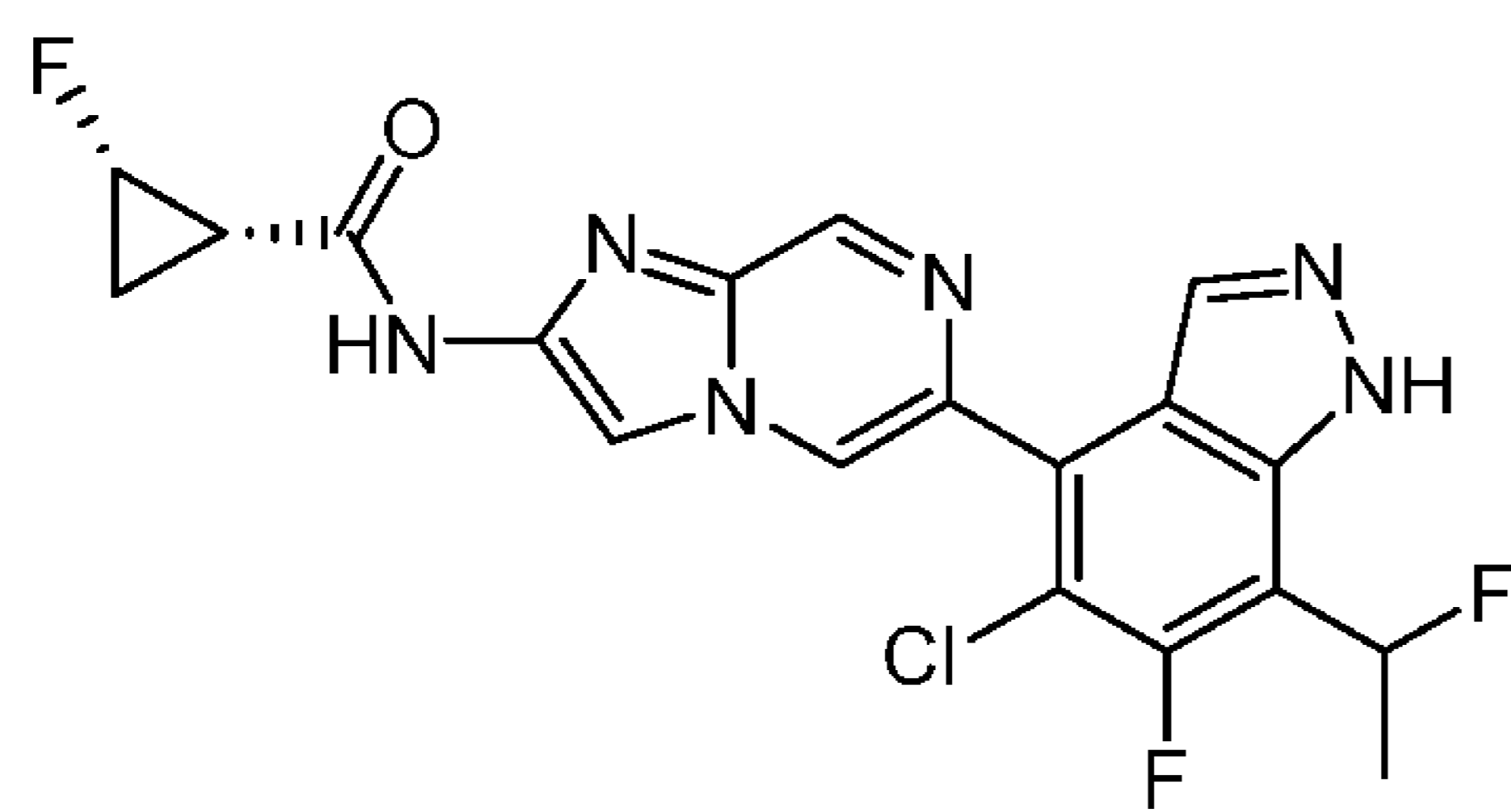
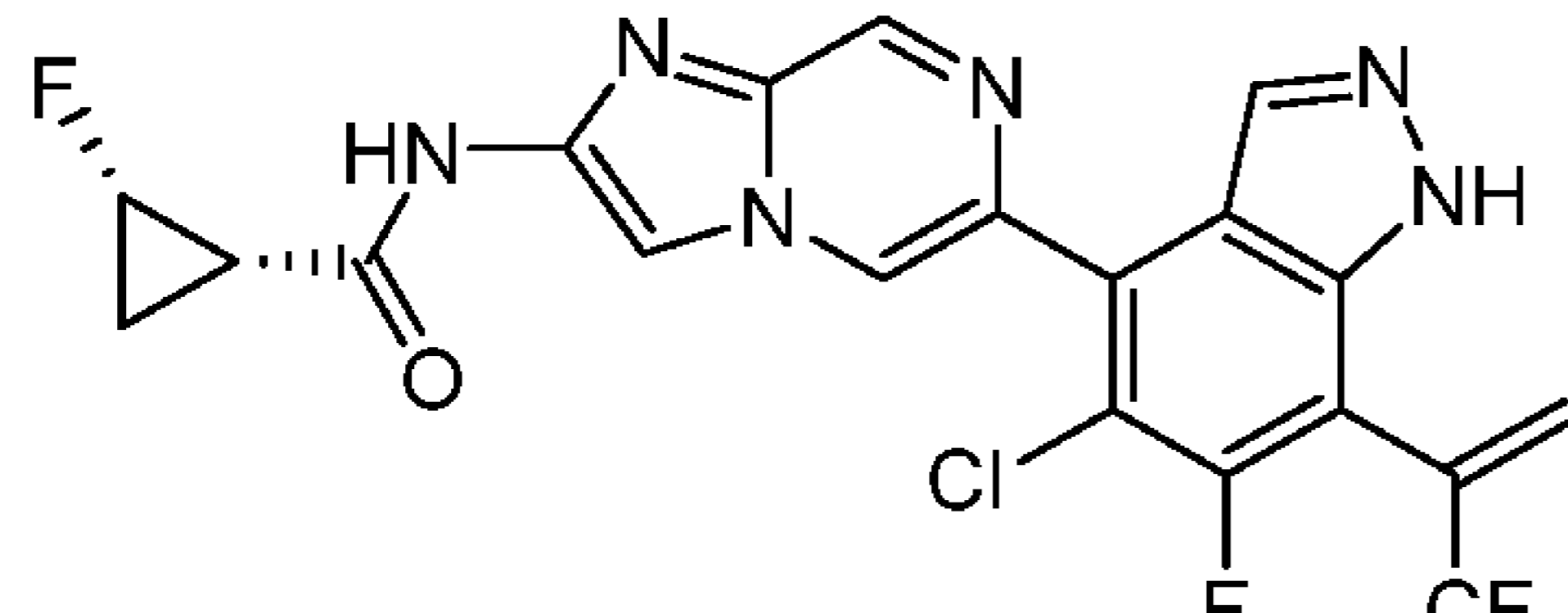
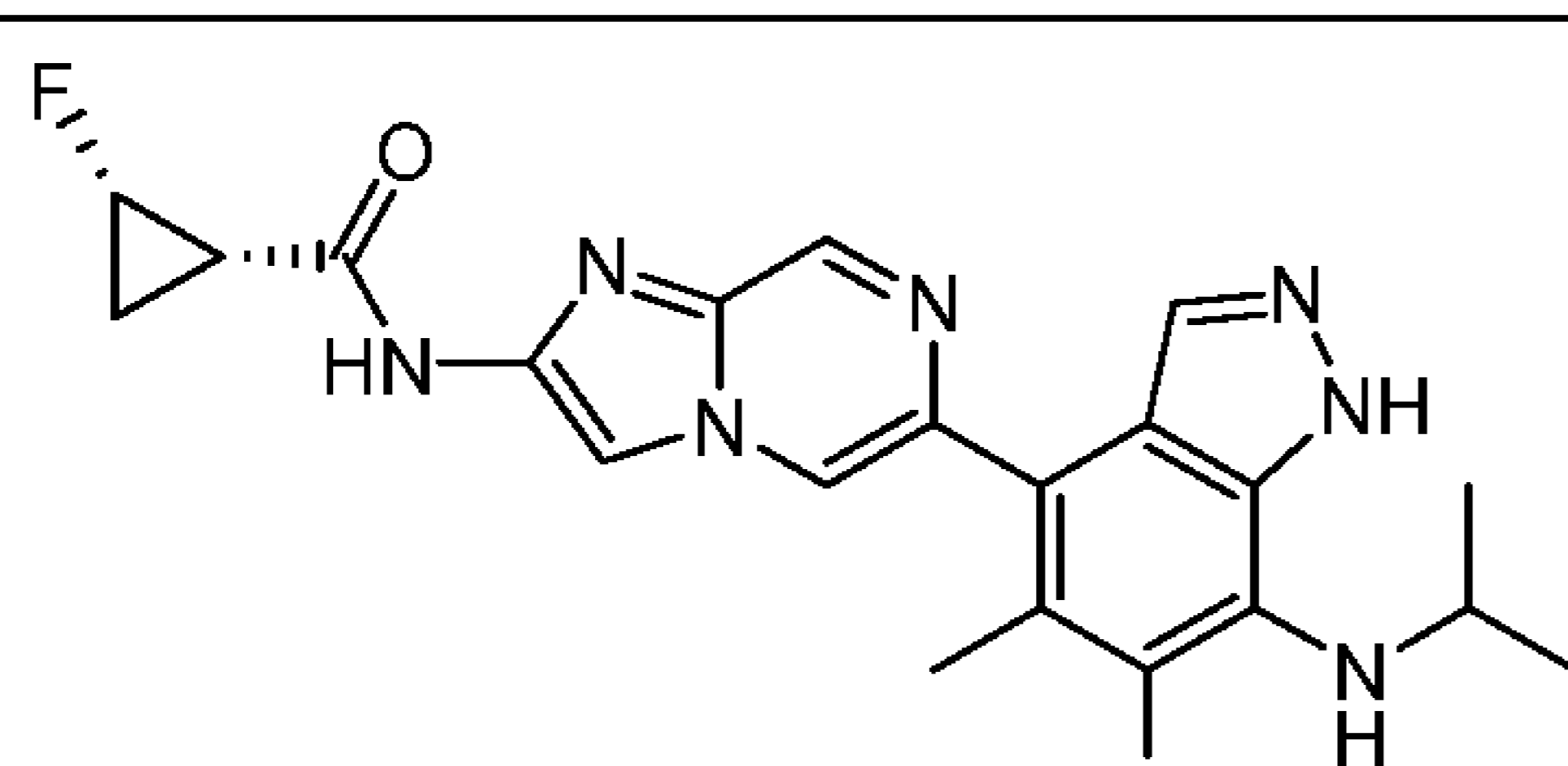
	(1S,2S)-N-(6-(5-chloro-7-(cyclopropylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	444.10 (M+H)+.	
78	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-fluoropyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.17 (s, 1H), 11.24 (s, 1H), 9.01 (s, 1H), 8.87 (s, 1H), 8.39 (s, 1H), 8.01 (brs, 1H), 5.63-5.34 (m, 1H), 5.09-4.74 (m, 1H), 4.51-3.46 (m, 4H), 2.38-2.03 (m, 3H), 1.85-1.59 (m, 1H), 1.31-1.09 (m, 1H); LCMS (electrospray) m/z 476.10 (M+H)+.	D
79	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrrol-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.41 (s, 1H), 11.43 (s, 1H), 9.10 (s, 1H), 9.06 (d, J = 1.1 Hz, 1H), 8.41 (s, 1H), 8.11 (d, J = 0.8 Hz, 1H), 7.09 (t, J = 1.9 Hz, 1H), 6.40 (q, J = 1.8 Hz, 1H), 6.27 (t, J = 3.0 Hz, 1H), 5.08-4.87 (m, 1H), 3.55 (d, J = 1.1 Hz, 3H), 2.23-2.16 (m, 1H), 1.74-1.64 (m, 1H), 1.25-1.17 (m, 1H); LCMS (electrospray) m/z 469.1 (M+H)+.	D
80	 <p>(1S,2S)-N-(6-(7-(1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.74 (s, 1H), 11.43 (s, 1H), 9.09 (s, 1H), 9.04 (d, J = 1.1 Hz, 2H), 8.39 (s, 1H), 8.16 (s, 1H), 6.79 (q, J = 7.1 Hz, 1H), 5.07-4.86 (m, 1H), 2.28 (d, J = 6.6 Hz, 3H), 2.22-2.15 (m, 1H), 1.72-1.65 (m, 1H), 1.23-1.18 (m, 2H); LCMS (electrospray) m/z 485.10 (M+H)+.	D
81	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.11 - 13.58 (m, 1H), 11.41 (s, 1H), 9.12 - 8.97 (m, 2H), 8.47 (s, 1H), 8.39 (s, 1H), 8.12 (s, 1H), 5.13 - 4.80 (m, 1H), 2.26 (s, 3H), 2.22 - 2.16 (m, 1H), 1.74 - 1.63 (m, 1H), 1.24 - 1.16 (m, 1H); LCMS (electrospray) m/z 427.3 (M+H)+.	D

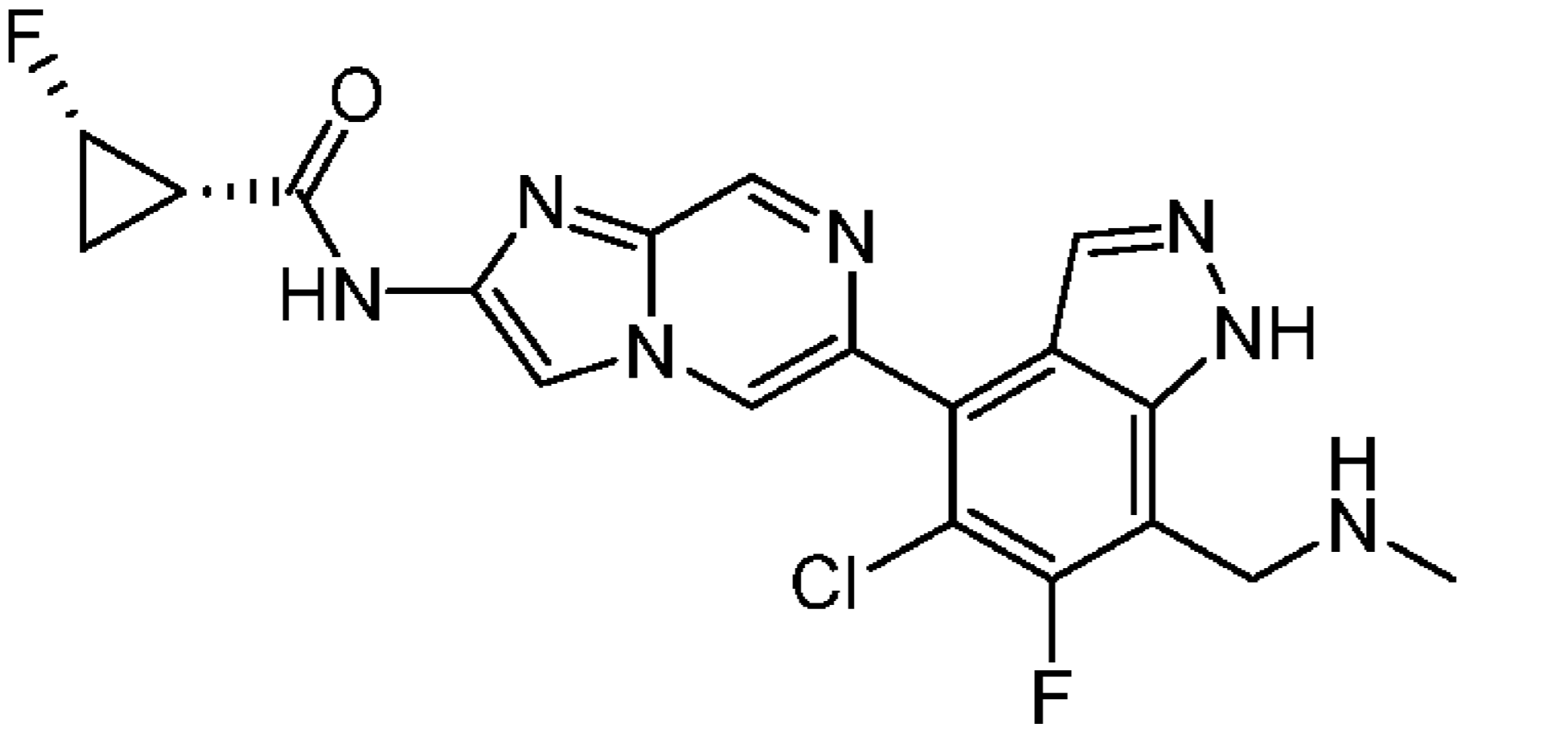
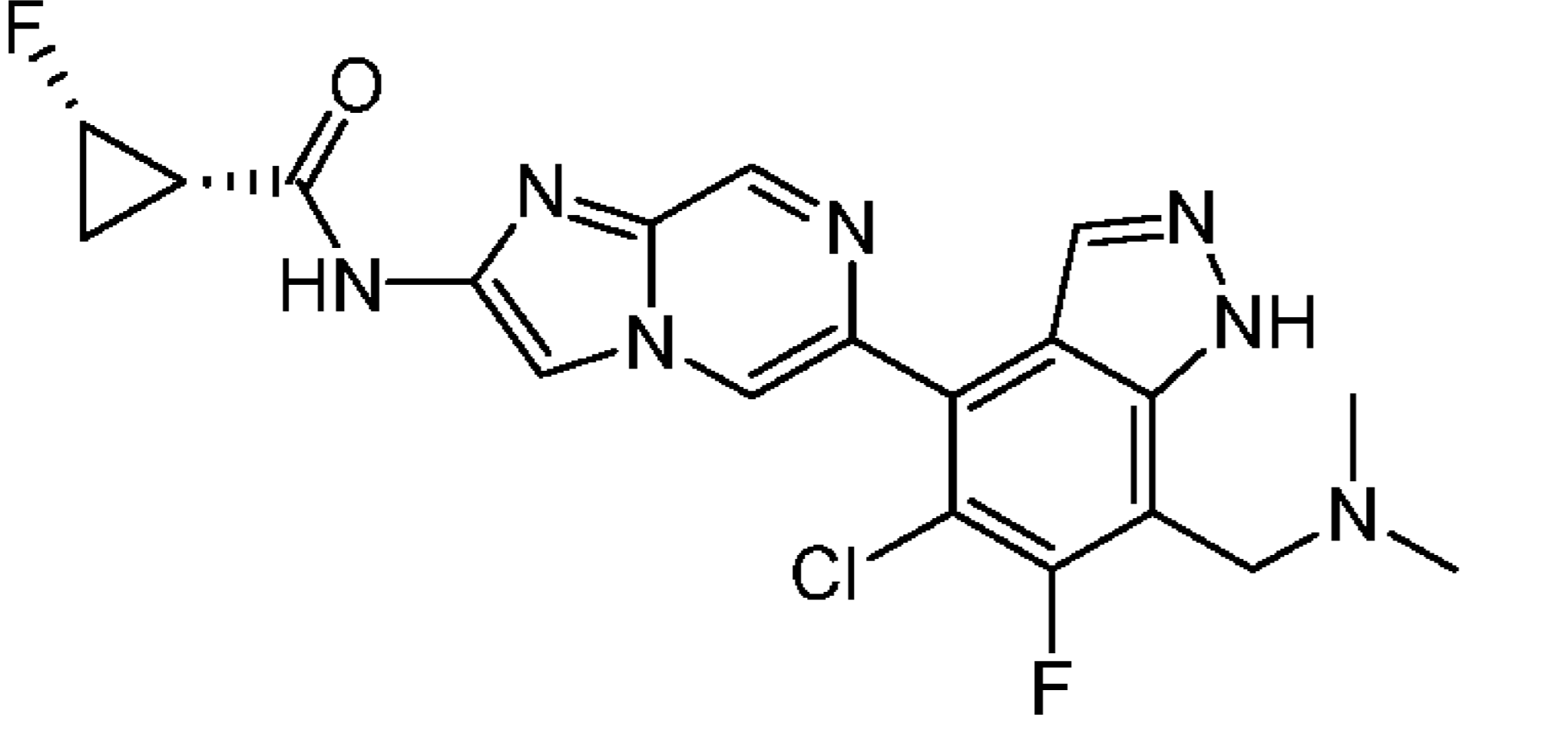
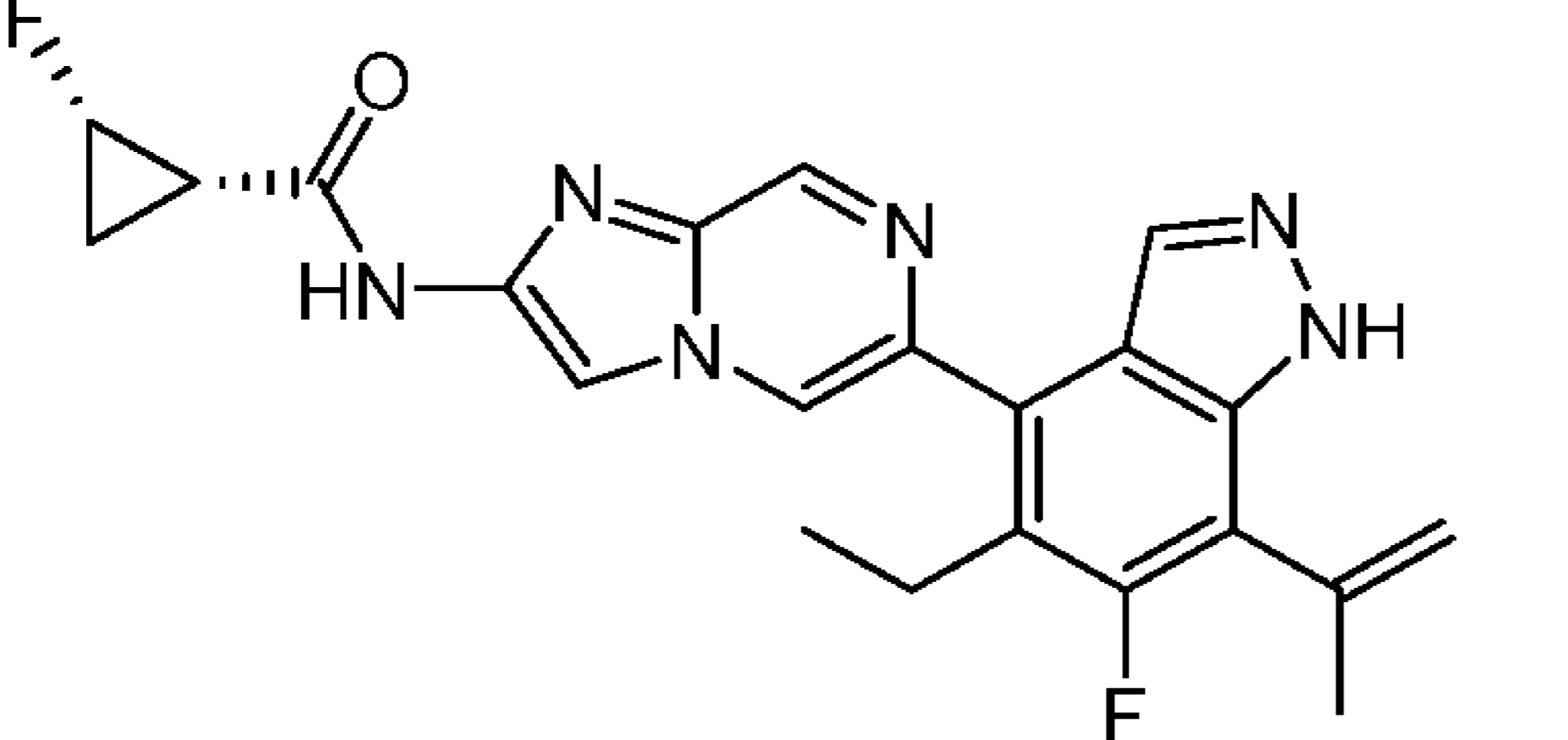
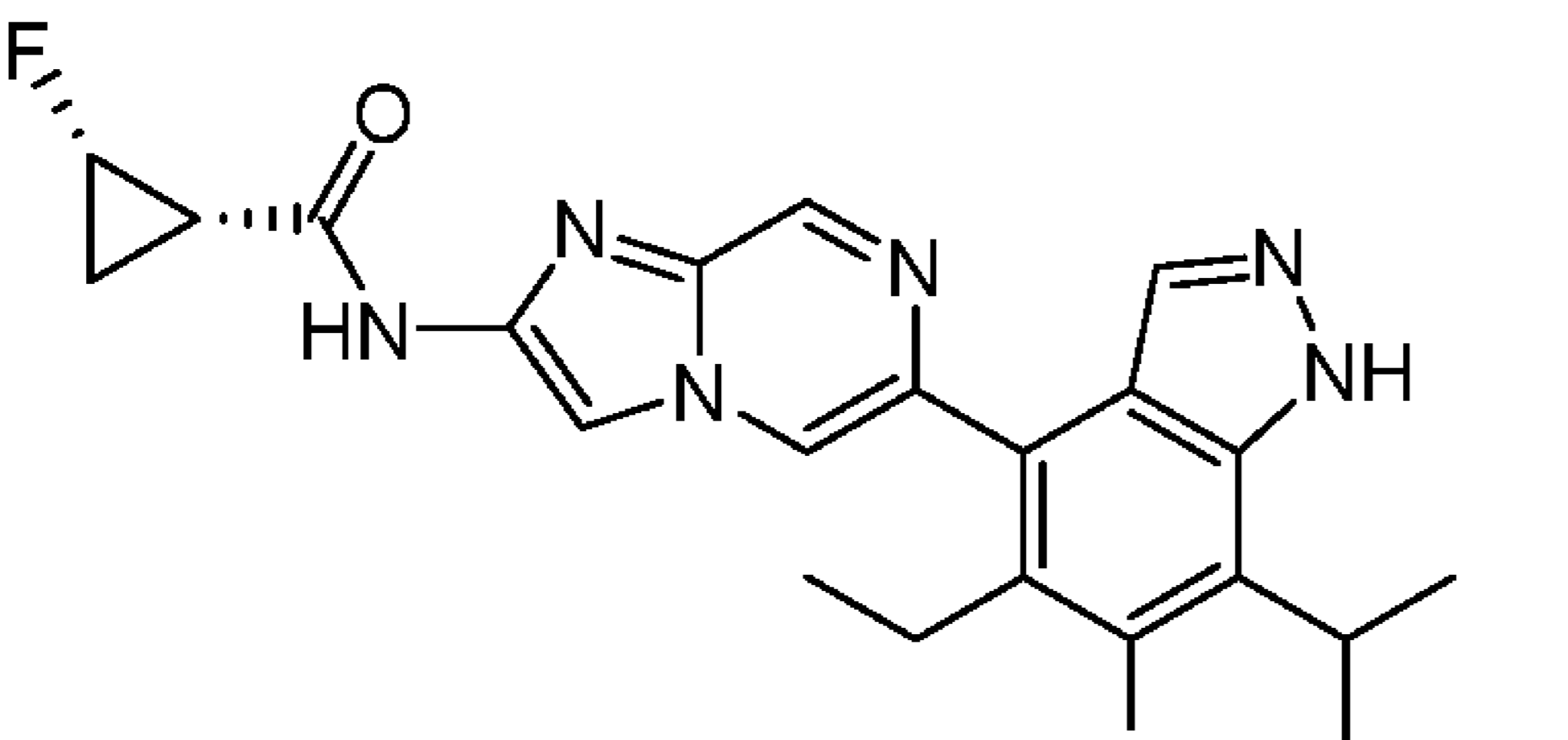
82	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.19 (s, 1H), 11.37 (s, 1H), 9.04 (d, J = 0.8 Hz, 1H), 8.82 (d, J = 1.4 Hz, 1H), 8.34 (s, 1H), 7.93 (s, 1H), 5.09 - 4.86 (m, 1H), 3.64 - 3.54 (m, 1H), 2.26 (d, J = 3.0 Hz, 3H), 2.21 - 2.15 (m, 1H), 1.77 - 1.63 (m, 1H), 1.44 (d, J = 7.0 Hz, 6H), 1.27 - 1.16 (m, 1H); LCMS (electrospray) m/z 411.2 (M+H) ⁺ .	D
83	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.13 (s, 1H), 11.38 (s, 1H), 9.05 (s, 1H), 8.84 (d, J = 1.4 Hz, 1H), 8.45 (s, 1H), 8.35 (s, 1H), 7.96 (s, 1H), 5.56 (s, 1H), 5.32 (s, 1H), 5.07 - 4.85 (m, 1H), 2.27 (d, J = 2.9 Hz, 3H), 2.23 - 2.17 (m, 4H), 1.77 - 1.62 (m, 1H), 1.25 - 1.16 (m, 1H); LCMS (electrospray) m/z 409.2 (M+H) ⁺ .	D
84	 <p>(1R,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.39 (s, 1H), 11.47 (s, 1H), 9.03 (s, 1H), 8.90 (d, J=1.2 Hz, 1H), 8.30 (s, 1H), 8.06 - 7.77 (m, 1H), 5.31 - 5.14 (m, 1H), 5.07 - 4.77 (m, 1H), 4.05 (br s, 1H), 1.67 - 1.48 (m, 1H), 1.33 - 1.26 (m, 1H), 1.23 (d, J=6.2 Hz, 6H), 1.22 - 1.18 (m, 1H); LCMS (electrospray) m/z 446.2 (M+H) ⁺ .	D
85	 <p>(1S,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.21 (br s, 1H), 11.47 (s, 1H), 9.03 (s, 1H), 8.90 (d, J=1.3 Hz, 1H), 8.35 - 8.22 (m, 1H), 8.07 - 7.89 (m, 1H), 5.29 - 5.18 (m, 1H), 5.04 - 4.77 (m, 1H), 4.04 (br s, 1H), 1.65 - 1.48 (m, 1H), 1.33 - 1.26 (m, 1H), 1.26 - 1.19 (m, 7H); LCMS (electrospray) m/z 446.1 (M+H) ⁺ .	D

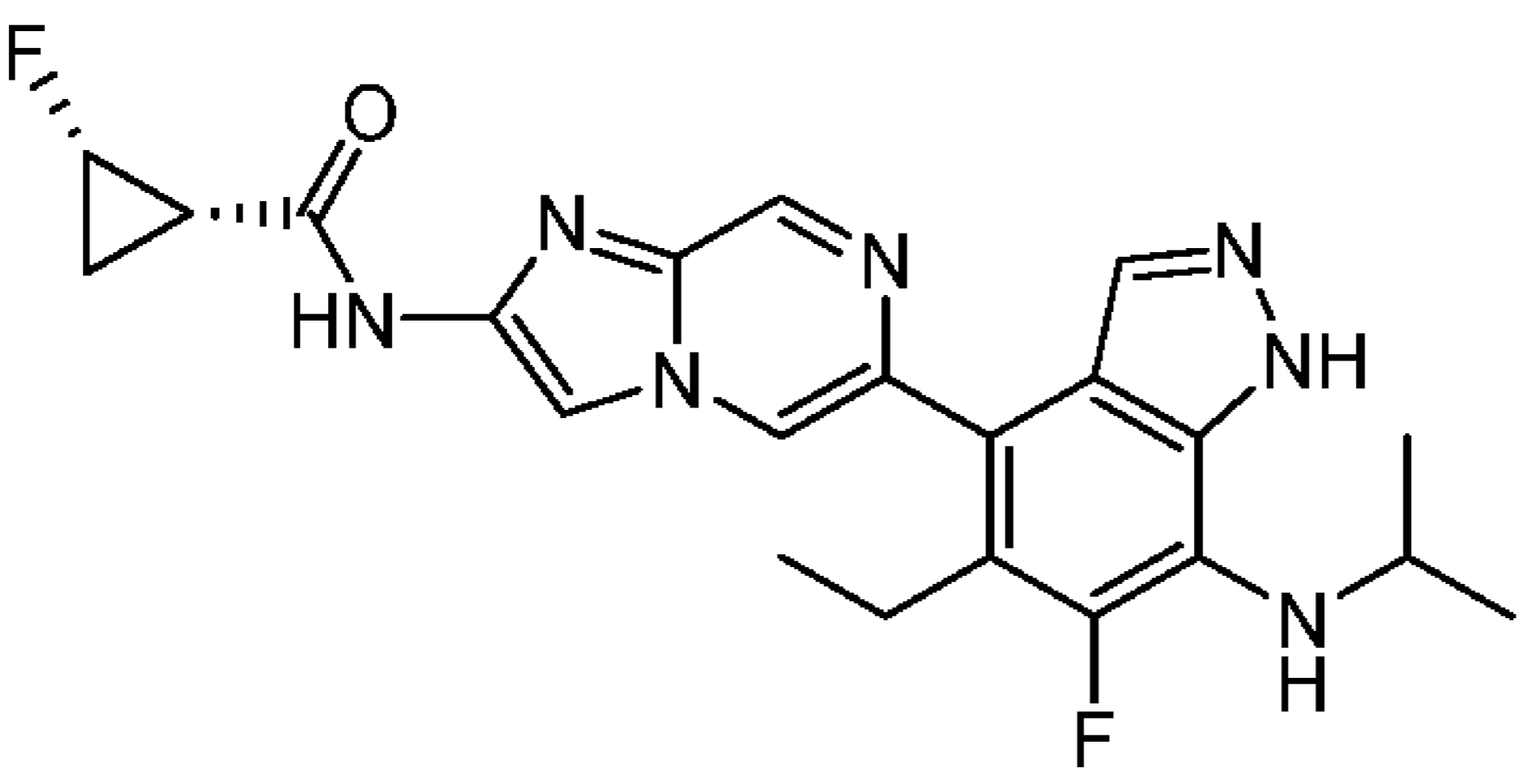
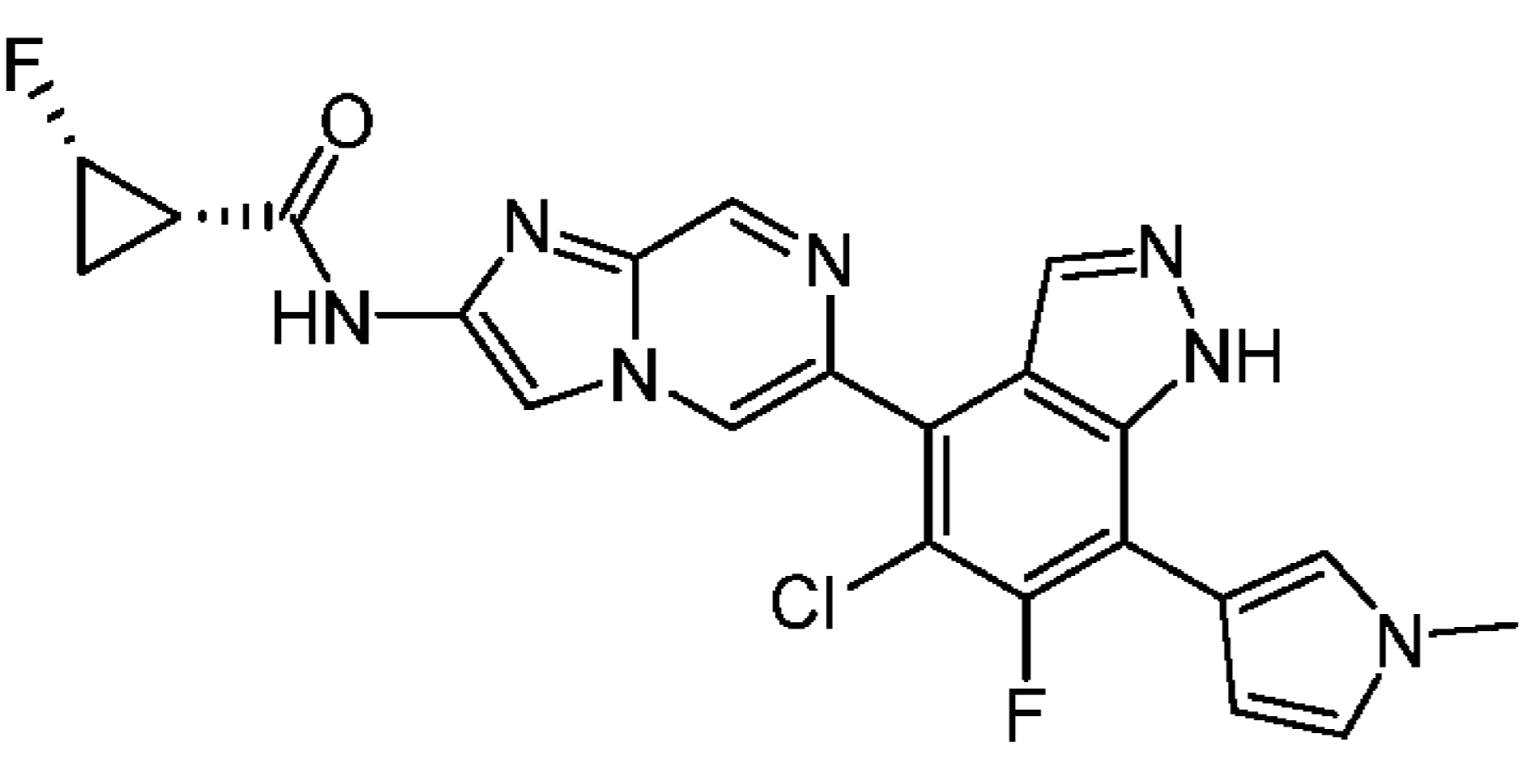
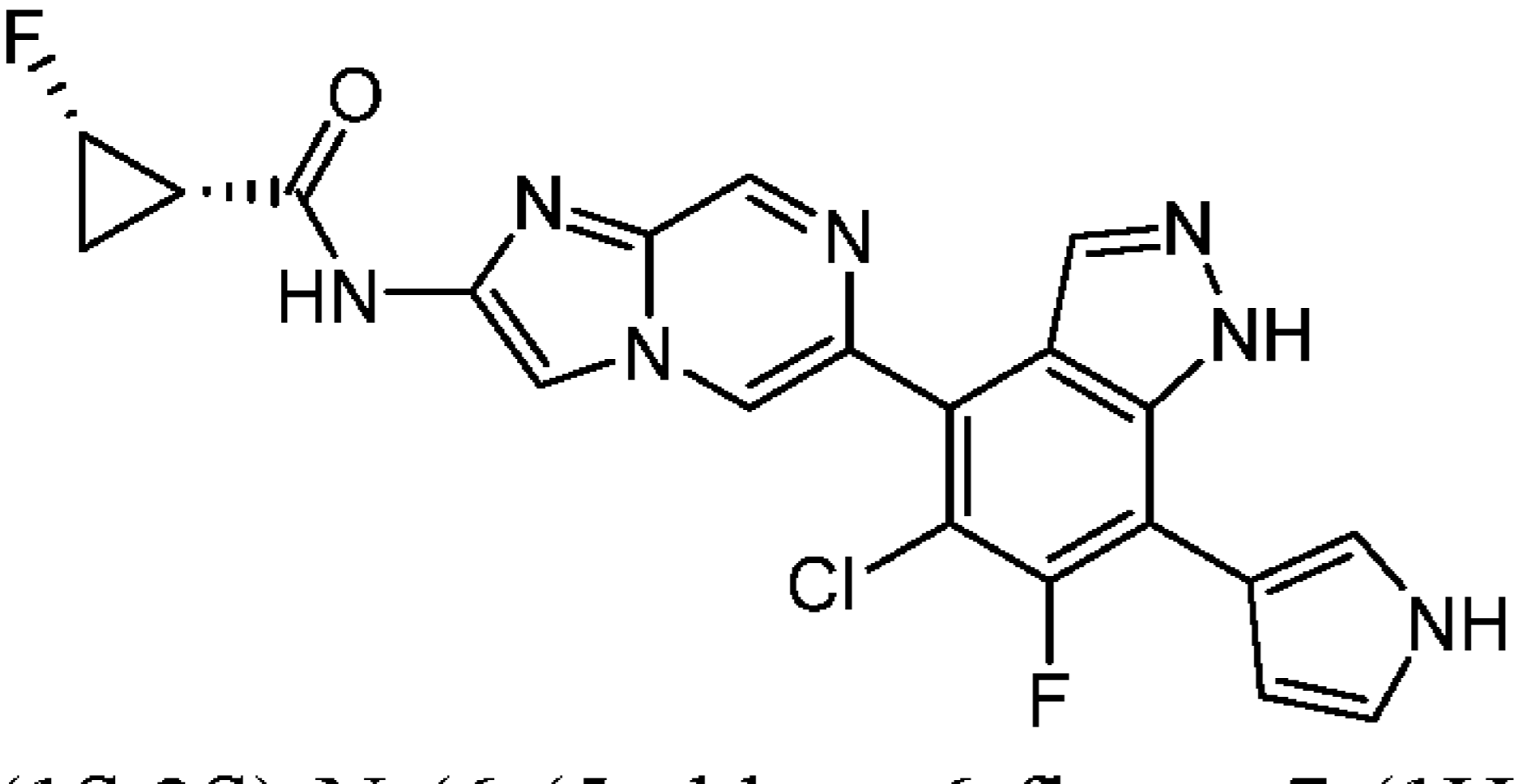
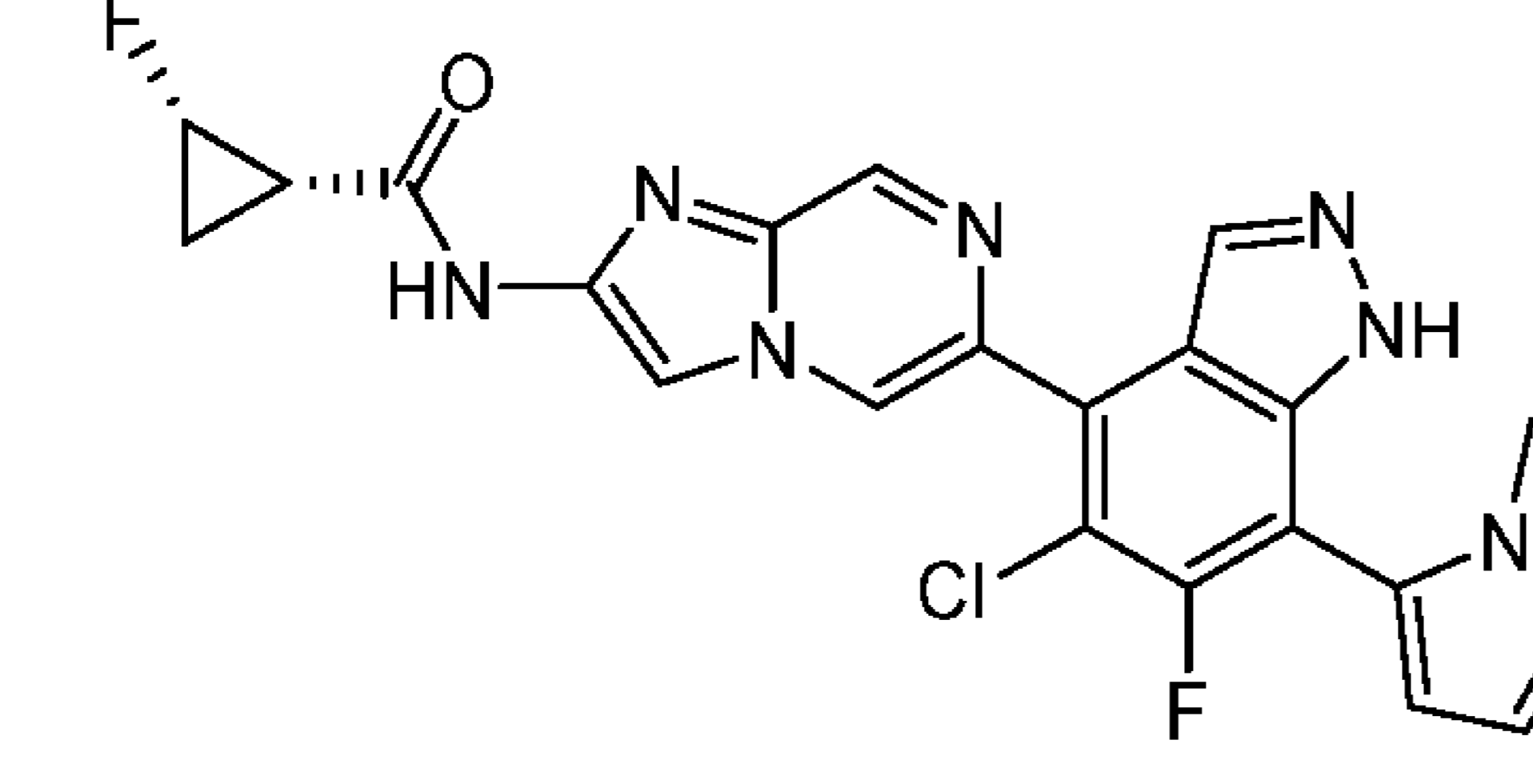
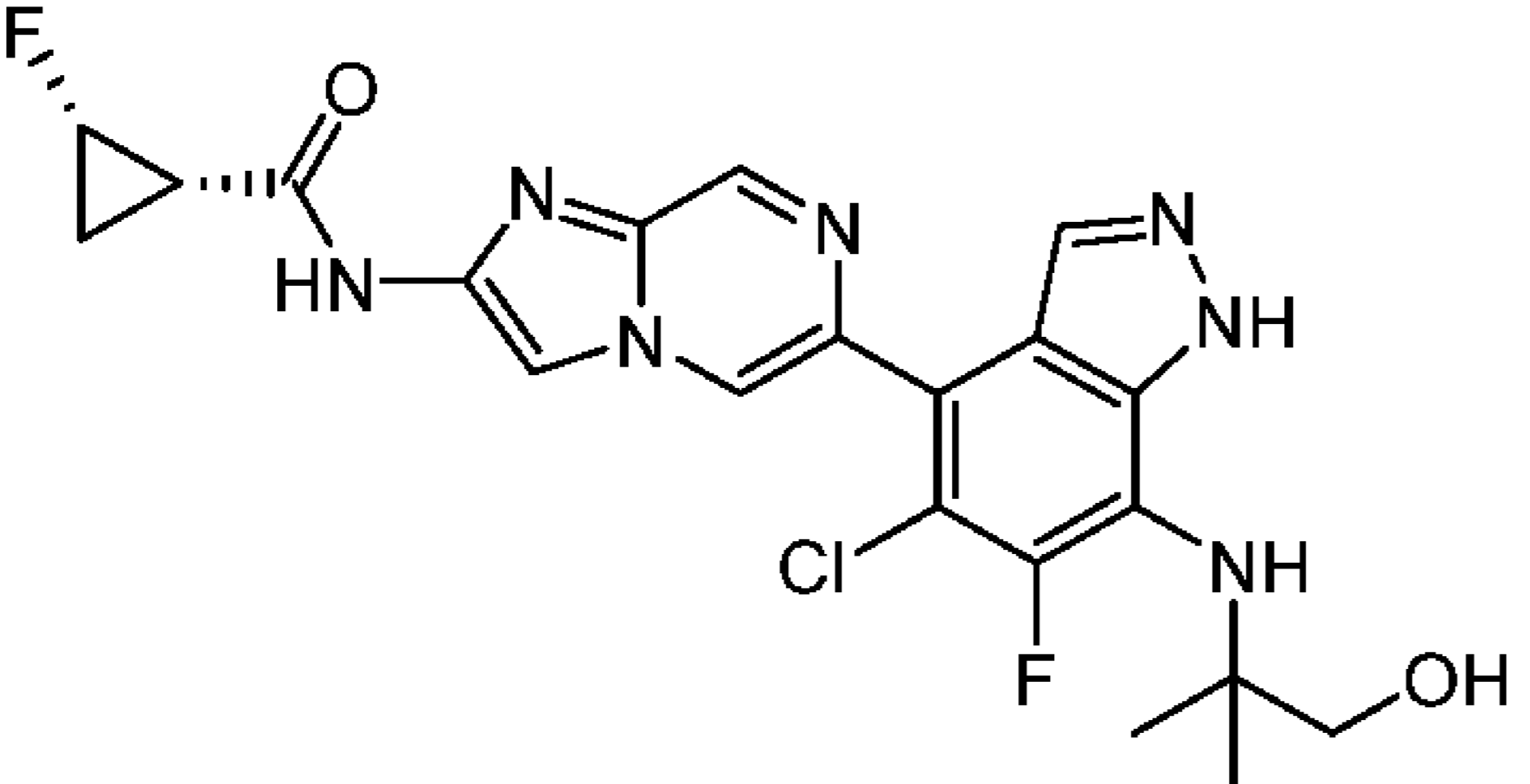
86	 <p>(1R,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.20 (br s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.90 (d, J=1.3 Hz, 1H), 8.35 (s, 1H), 7.96 (br s, 1H), 5.27 - 5.15 (m, 1H), 5.08 - 4.78 (m, 1H), 4.22 - 3.84 (m, 1H), 2.18 (td, J=7.0, 13.9 Hz, 1H), 1.78 - 1.59 (m, 1H), 1.23 (d, J=6.3 Hz, 6H), 1.22 - 1.16 (m, 1H); LCMS (electrospray) m/z 446.1 (M+H) ⁺ .	D
87	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-propyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.62 (br s, 1H), 11.39 (s, 1H), 9.08 - 9.04 (m, 1H), 8.99 (d, J = 1.5 Hz, 1H), 8.48 (s, 1H), 8.38 (s, 1H), 8.03 (s, 1H), 5.09 - 4.83 (m, 1H), 2.98 (br t, J = 7.4 Hz, 2H), 2.24 - 2.14 (m, 1H), 1.75 - 1.65 (m, 3H), 1.20 (tdd, J = 6.3, 9.0, 12.4 Hz, 1H), 0.97 (t, J = 7.3 Hz, 3H); LCMS (electrospray) m/z 431.3 (M+H) ⁺ .	D
88	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methyl-1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.95 (s, 1H), 11.42 (s, 1H), 9.10 (s, 1H), 9.08 (d, J = 1.5 Hz, 1H), 8.42 (s, 1H), 8.20 (s, 1H), 6.97 (s, 1H), 6.27 (t, J = 3.1 Hz, 1H), 6.13 (d, J = 1.1 Hz, 1H), 5.12 - 4.84 (m, 1H), 2.24 - 2.16 (m, 1H), 2.06 (s, 3H), 1.77 - 1.64 (m, 1H), 1.26 - 1.16 (m, 1H); LCMS (electrospray) m/z 468.2 (M+H) ⁺ .	D
89	 <p>1-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)-N,N-dimethyl-1H-pyrrole-3-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.15 (s, 1H), 11.42 (s, 1H), 9.10 (s, 1H), 9.05 (s, 1H), 8.43 (s, 1H), 8.32-8.24 (m, 1H), 7.66 (s, 1H), 7.29 (s, 1H), 6.69-6.64 (m, 1H), 5.12 - 4.80 (m, 1H), 3.23-2.89 (m, 6H), 2.20 (dt, J=13.8, 6.8 Hz, 1H), 1.78 - 1.62 (m, 1H), 1.29 - 1.14 (m, 1H); LCMS (electrospray) m/z 525.1 (M+H) ⁺ .	D

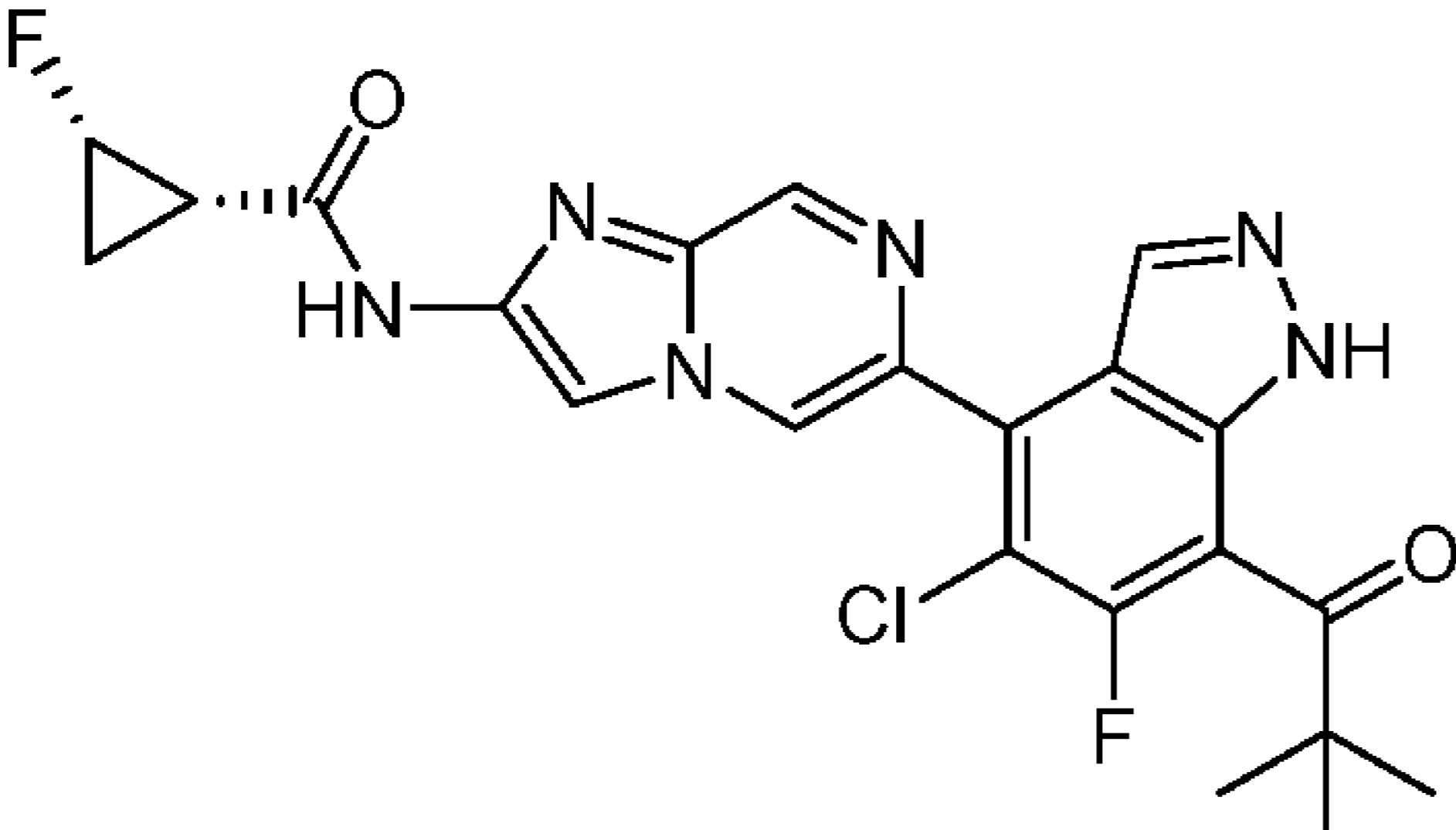
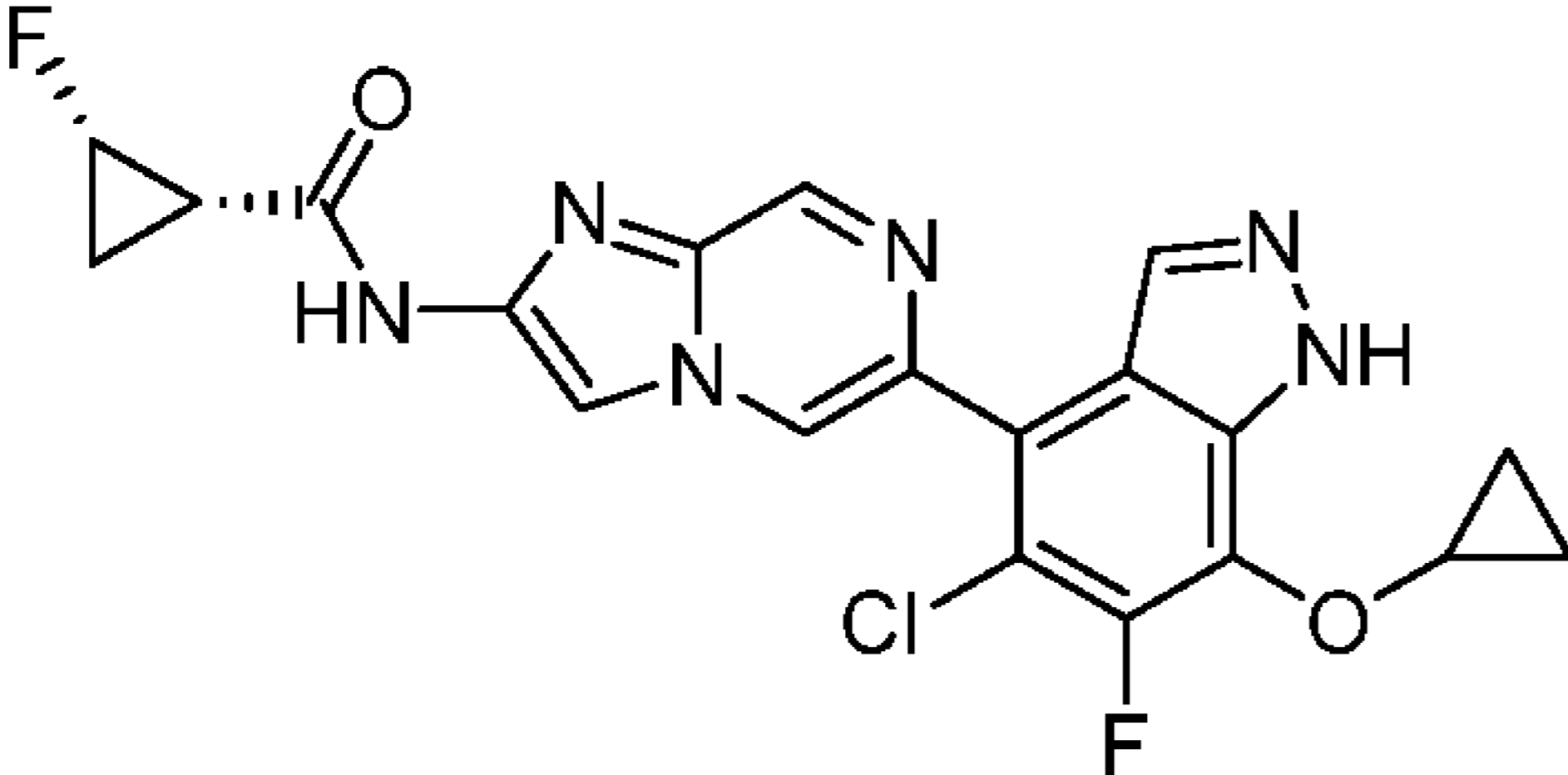
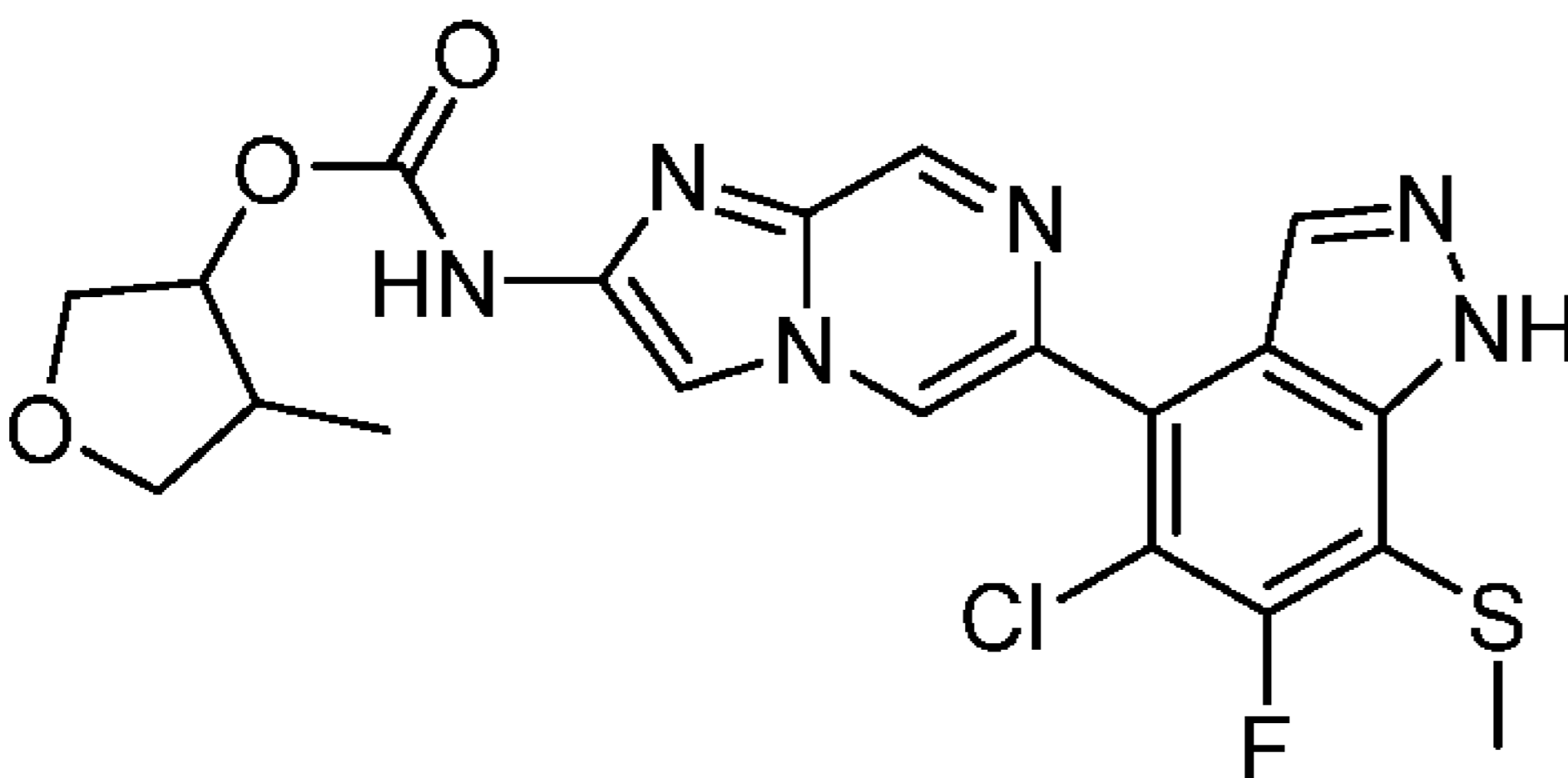
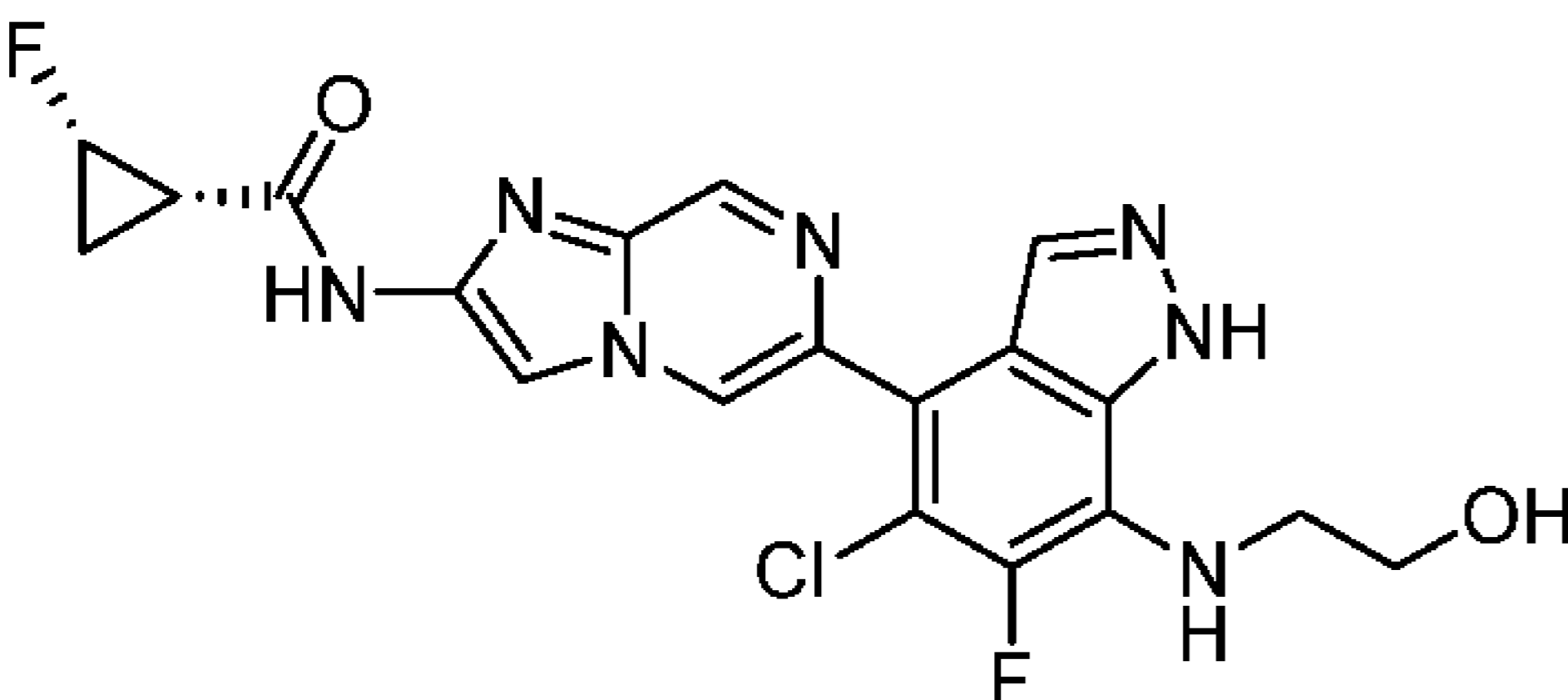
90	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.57 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 8.98 (d, J = 1.1 Hz, 1H), 8.39 (s, 1H), 8.04 (s, 1H), 5.08 - 4.86 (m, 2H), 3.88 - 3.75 (m, 2H), 3.65 - 3.56 (m, 1H), 2.20 (td, J = 7.0, 13.8 Hz, 1H), 1.76 - 1.64 (m, 1H), 1.40 (d, J = 7.1 Hz, 3H), 1.21 (tdd, J = 6.3, 9.0, 12.4 Hz, 1H); LCMS (electrospray) m/z 447.3 (M+H) ⁺ .	D
91	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.54 (s, 1H), 11.41 (s, 1H), 9.08 (d, J = 0.6 Hz, 1H), 9.00 (d, J = 1.5 Hz, 1H), 8.39 (s, 1H), 8.05 (br s, 1H), 5.09 - 4.85 (m, 1H), 3.85 - 3.75 (m, 2H), 3.73 - 3.66 (m, 1H), 3.25 (s, 3H), 2.25 - 2.16 (m, 1H), 1.76 - 1.64 (m, 1H), 1.41 (br d, J = 6.4 Hz, 3H), 1.21 (tdd, J = 6.3, 9.1, 12.4 Hz, 1H); LCMS (electrospray) m/z 461.3 (M+H) ⁺ .	D
92	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.72 (s, 1H), 11.39 (s, 1H), 9.07 (d, J = 0.6 Hz, 1H), 9.01 (d, J = 1.4 Hz, 1H), 8.38 (s, 1H), 8.05 (s, 1H), 5.13 - 4.84 (m, 2H), 3.38 - 3.35 (m, 2H), 2.23 - 2.14 (m, 1H), 1.74 - 1.63 (m, 1H), 1.46 - 1.37 (m, 3H), 1.24 - 1.15 (m, 1H); LCMS (electrospray) m/z 449.4 (M+H) ⁺ .	D
93	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isobutylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.21 (br s, 1H), 11.37 (s, 1H), 9.02 (s, 1H), 8.89 (s, 1H), 8.46 (s, 1H), 8.35 (s, 1H), 7.96 (br s, 1H), 5.74 (br s, 1H), 5.09 - 4.83 (m, 1H), 2.18 (td, J = 7.1, 13.7 Hz, 1H), 1.94 - 1.77 (m, 1H), 1.77 - 1.60 (m, 1H), 1.32 - 1.11 (m, 1H), 0.94 (d, J = 6.6 Hz, 6H); LCMS (electrospray) m/z 460.2 (M+H) ⁺ .	D

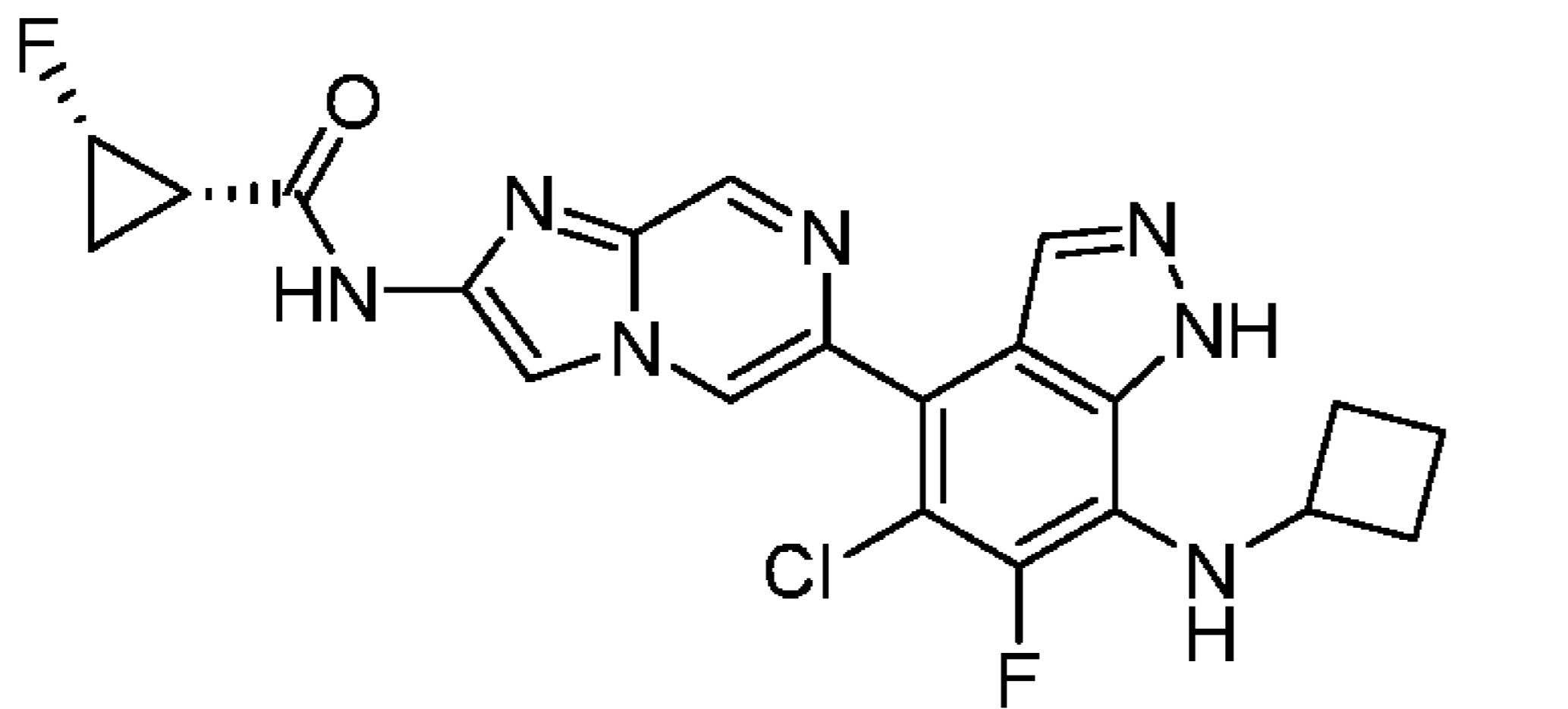
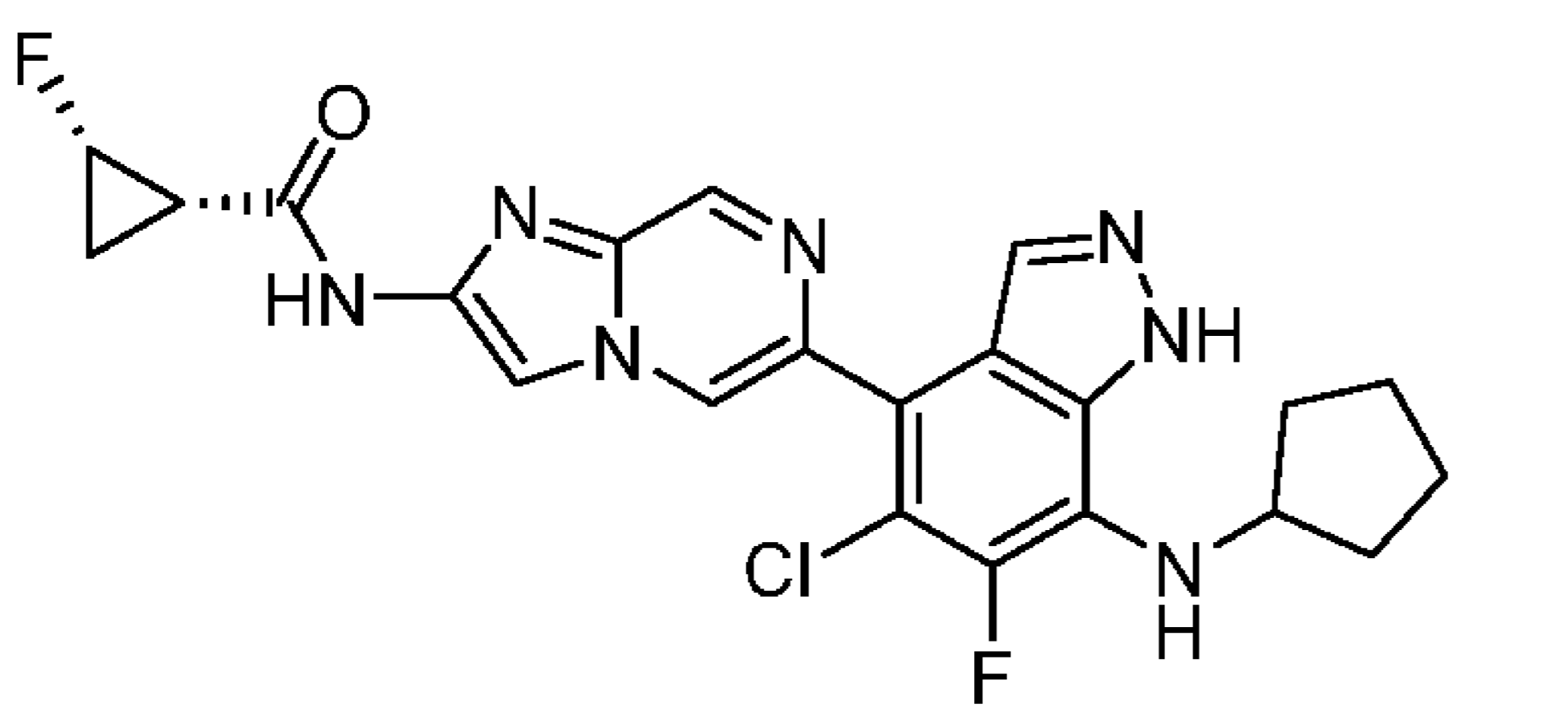
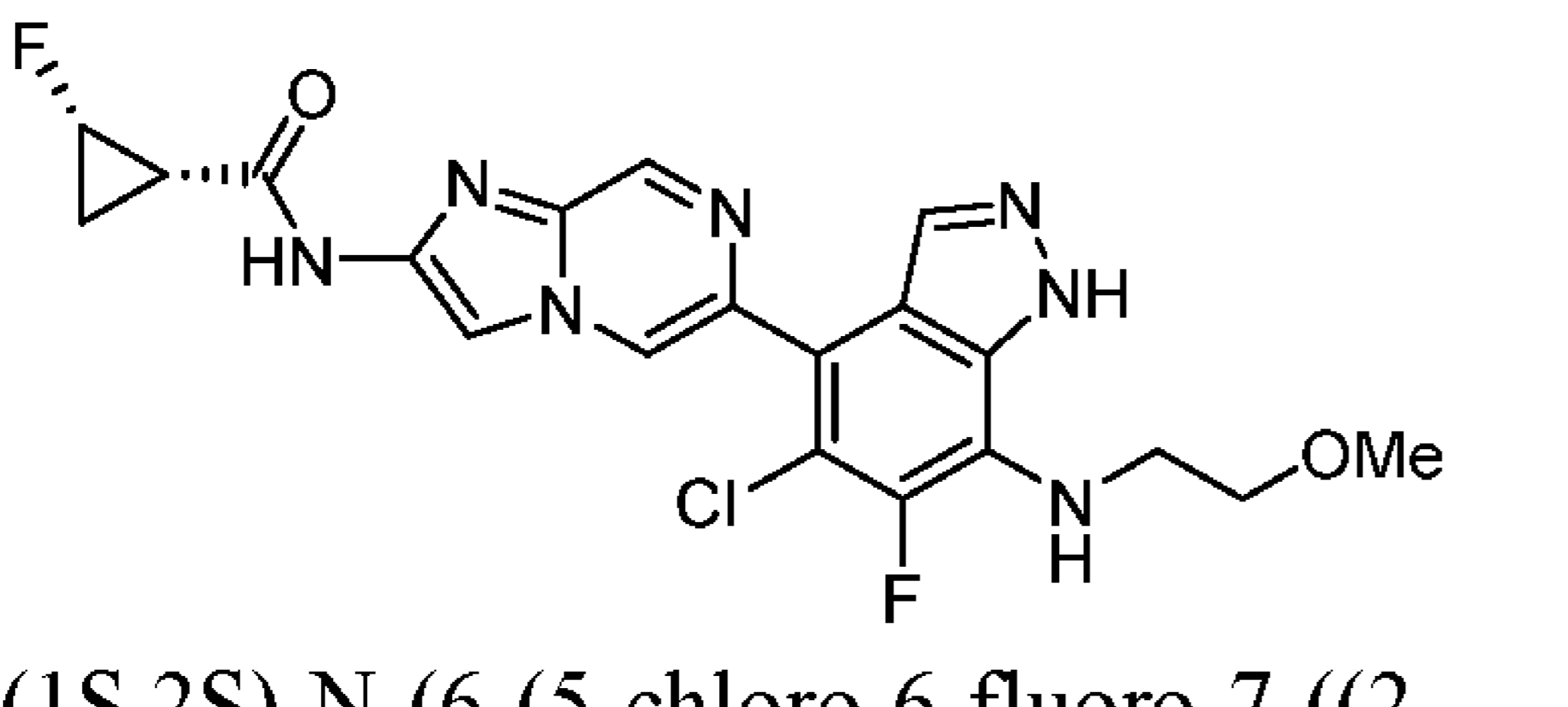
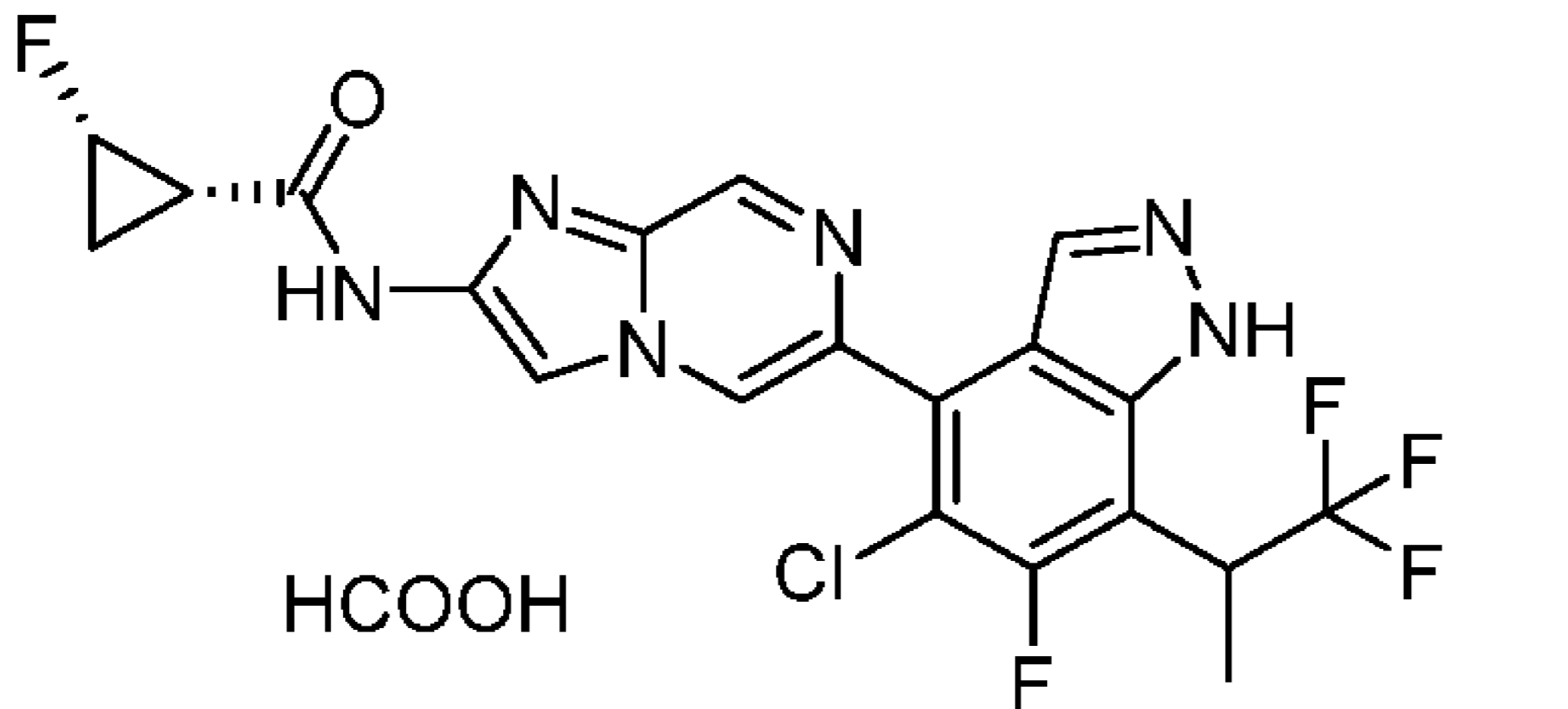
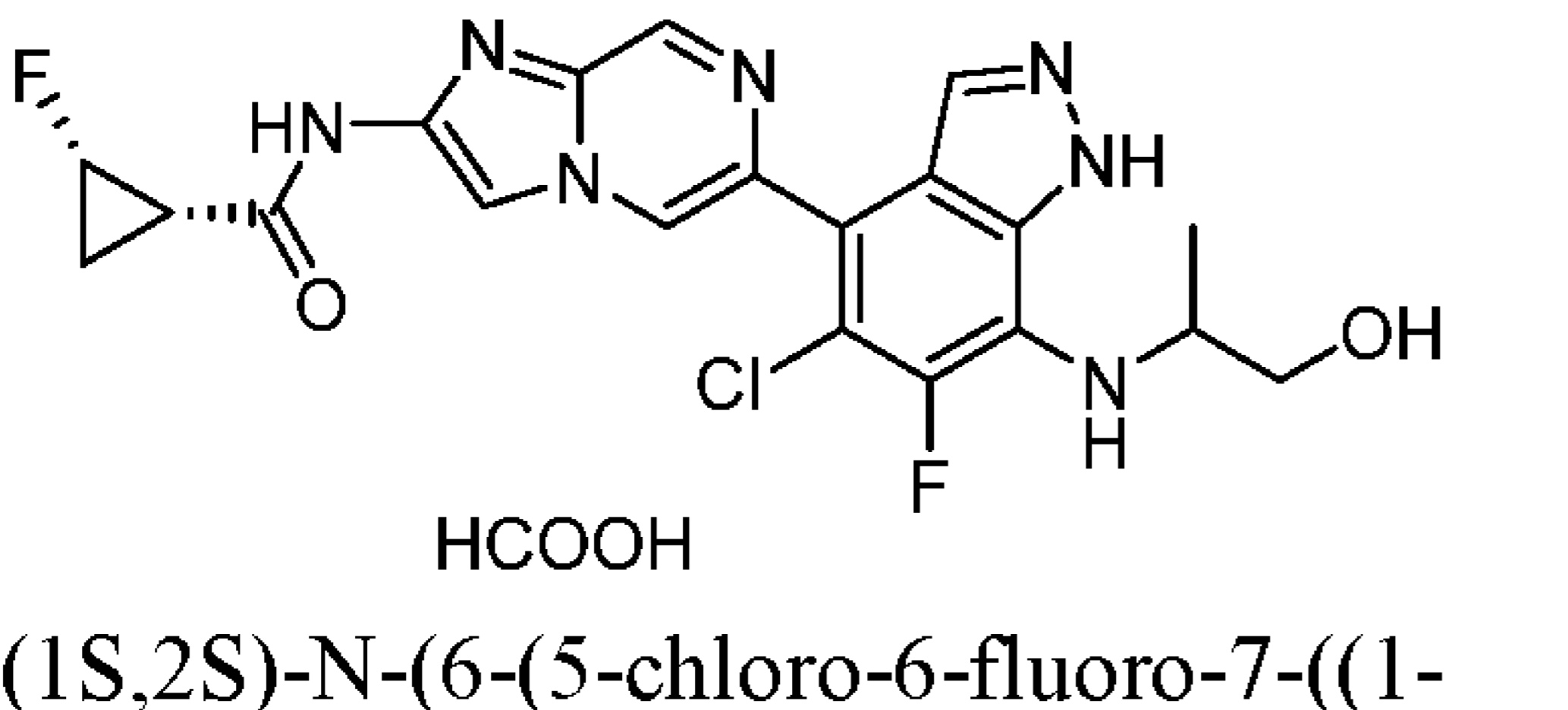
94	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(propylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.16 (br s, 1H), 11.37 (s, 1H), 9.02 (s, 1H), 8.89 (s, 1H), 8.35 (s, 1H), 7.95 (br s, 1H), 5.65 (br s, 1H), 5.07 - 4.85 (m, 1H), 3.53 - 3.42 (m, 2H), 2.18 (td, J = 6.9, 13.9 Hz, 1H), 1.75 - 1.64 (m, 1H), 1.63 - 1.56 (m, 2H), 1.24 - 1.15 (m, 1H), 0.95 (t, J = 7.4 Hz, 3H); LCMS (electrospray) m/z 446.2 (M+H) ⁺ .	D
95	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-prop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.77 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.5 Hz, 1H), 8.42 - 8.34 (m, 1H), 8.09 (br s, 1H), 7.04 - 6.44 (m, 2H), 5.24 - 4.63 (m, 1H), 2.25 - 2.14 (m, 1H), 2.03 (br d, J = 4.5 Hz, 3H), 1.76 - 1.63 (m, 1H), 1.21 (tdd, J = 6.2, 9.1, 12.4 Hz, 1H); LCMS (electrospray) m/z 429.3 (M+H) ⁺ .	D
96	 <p>(1S,2S)-N-(6-(5-chloro-7-(ethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.41 (s, 1H), 11.37 (s, 1H), 9.02 (d, J = 0.6 Hz, 1H), 8.89 (d, J = 1.3 Hz, 1H), 8.49 - 8.44 (m, 1H), 8.35 (s, 1H), 8.02 - 7.92 (m, 1H), 5.80 - 5.58 (m, 1H), 5.08 - 4.84 (m, 1H), 3.65 - 3.53 (m, 2H), 2.26 - 2.13 (m, 1H), 1.79 (s, 1H), 1.25 - 1.20 (m, 3H), 1.20 (s, 1H); LCMS (electrospray) m/z 432.2 (M+H) ⁺ .	D
97	 <p>(3R,4S)-4-methyltetrahydrofuran-3-yl (6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)carbamate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.47 (s, 1H), 10.74 (s, 1H), 9.01 (s, 1H), 8.92 (s, 1H), 8.18 (s, 1H), 8.00 (br s, 1H), 4.87 - 4.92 (m, 1H), 3.91 - 4.04 (m, 2H), 3.78 (br d, J = 9.76 Hz, 1H), 3.02 (s, 6H), 1.07 (d, J = 7.13 Hz, 3H); LCMS (electrospray) m/z 474.1 (M+H) ⁺ .	D
98	 <p>(1S,2S)-N-(6-(5-chloro-7-(2-(dimethylamino)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.45 (s, 1H), 11.39 (s, 1H), 9.08 (s, 1H), 9.02 (d, J = 1.5 Hz, 1H), 8.40 (s, 1H), 8.03 (s, 1H), 5.07 - 4.86 (m, 1H), 4.12 (s, 2H), 3.20 (s, 3H), 2.90 (s, 3H), 2.23 - 2.17 (m, 1H), 1.74 - 1.65 (m, 1H), 1.24 - 1.17 (m, 1H); LCMS	D

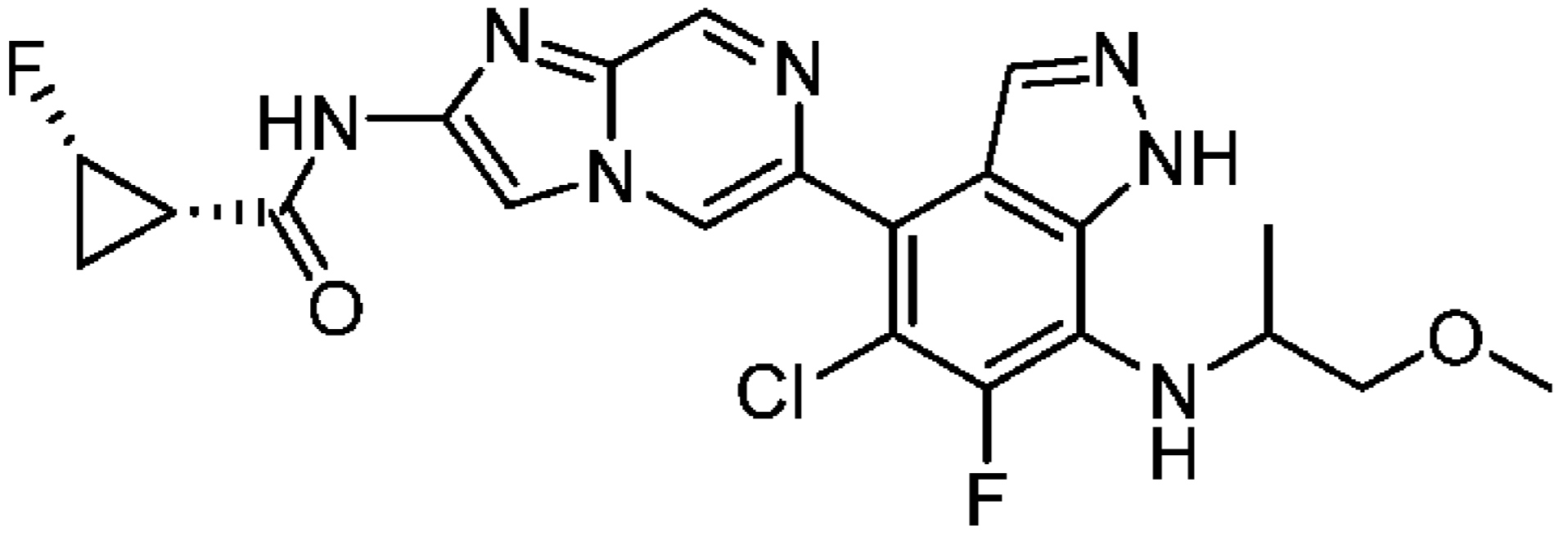
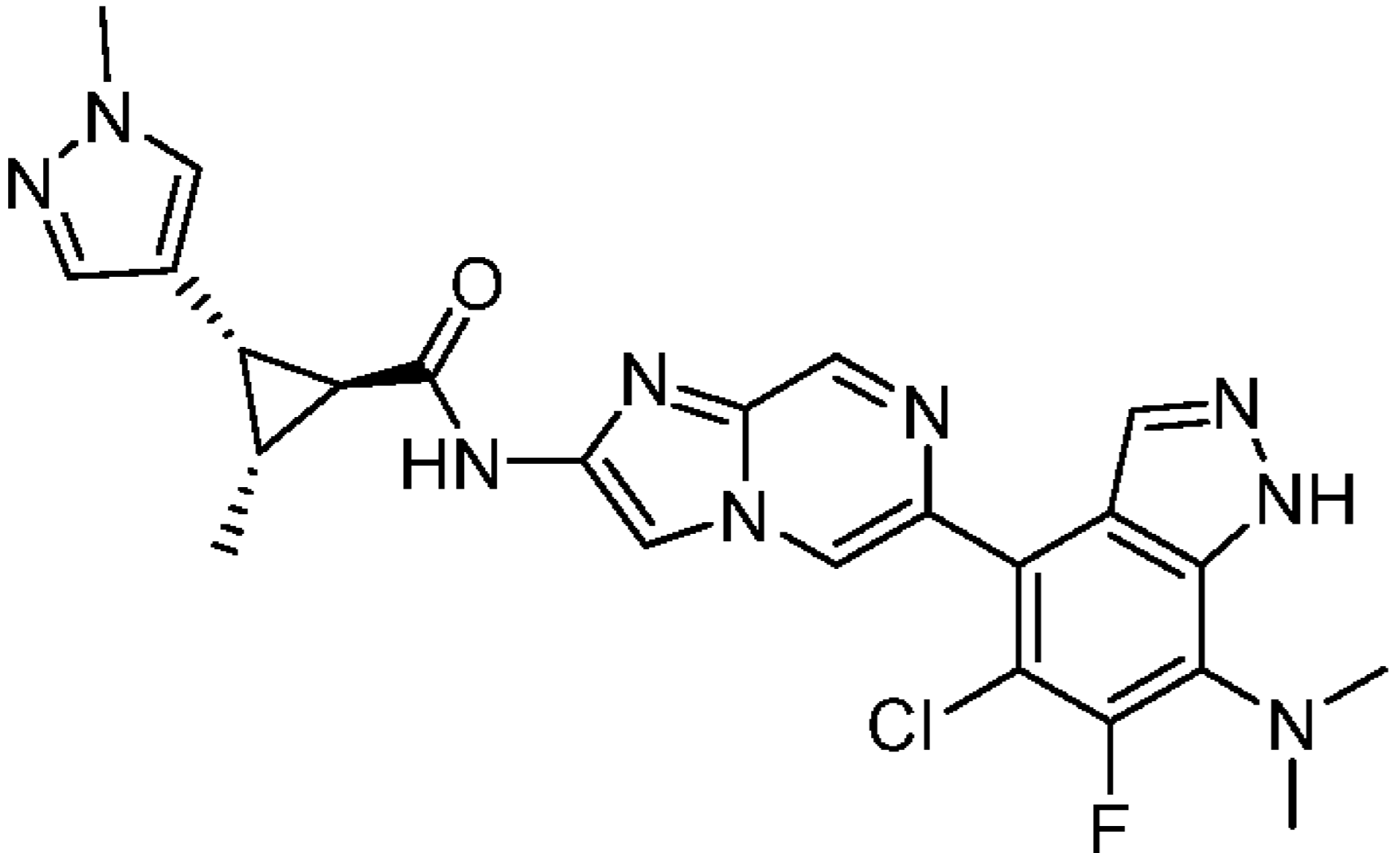
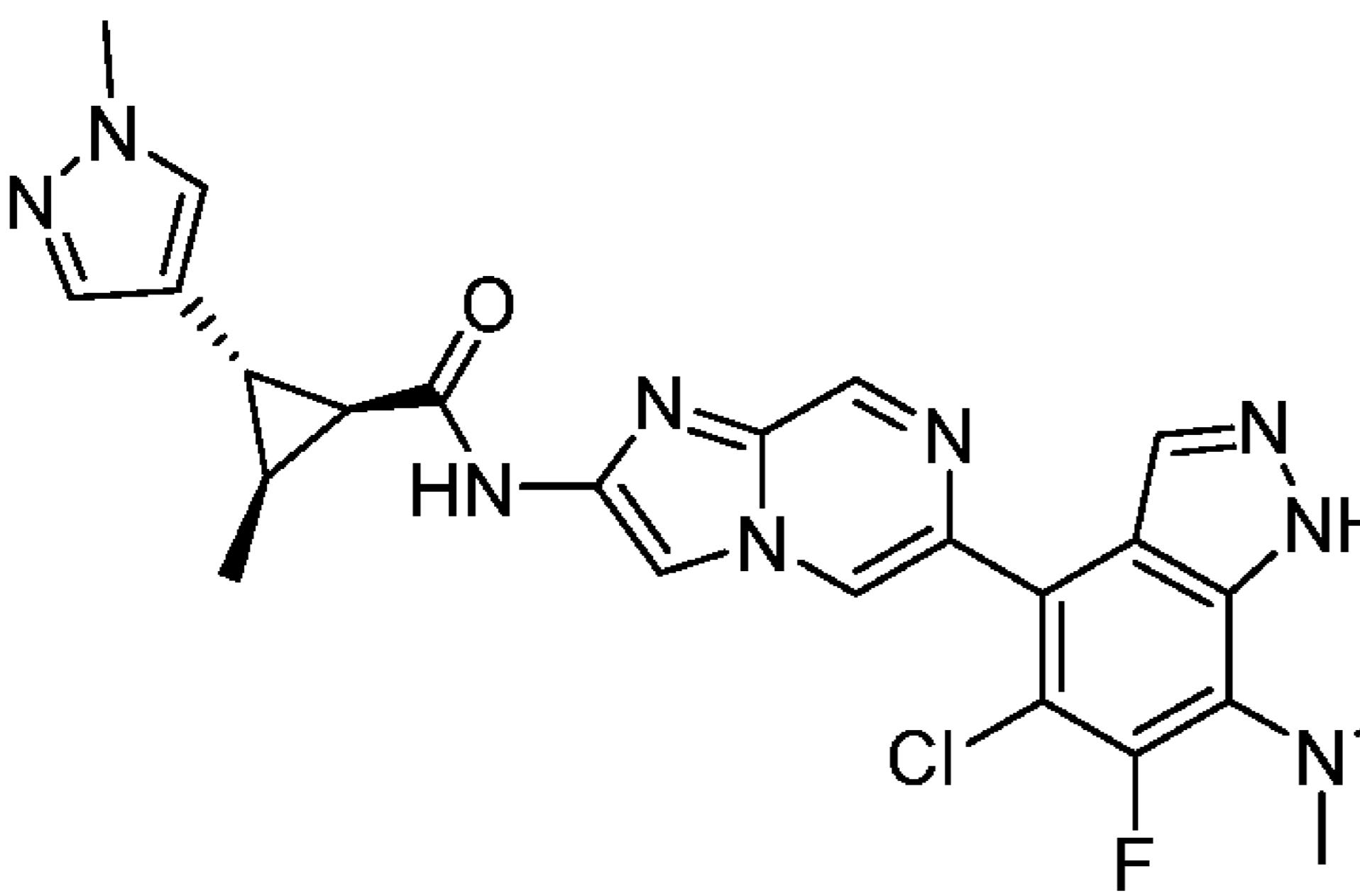
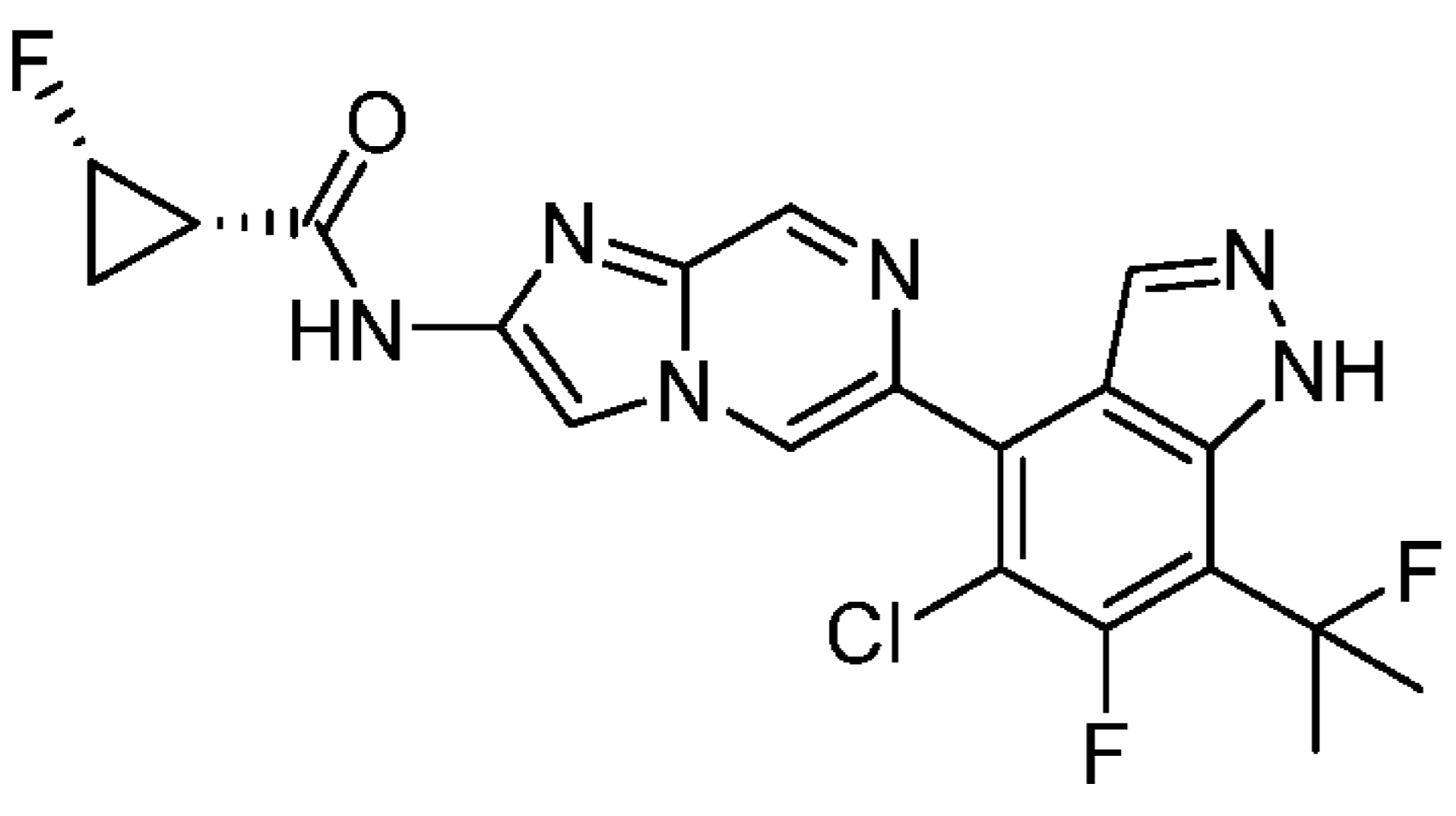
	(dimethylamino)-2-oxoethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	(electrospray) m/z 474.2 (M+H)+.	
99	 <p>HCOOH</p> <p>(1S,2S)-N-(6-(5-chloro-7-((2-(dimethylamino)-2-oxoethyl)thio)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.80 (s, 1H), 11.43 (s, 1H), 9.08 (s, 1H), 9.03 (d, J=1.3 Hz, 1H), 8.47 (s, 1H), 8.40 (s, 1H), 8.12 (s, 1H), 5.20 - 4.75 (m, 1H), 4.05 (s, 2H), 3.02 (s, 3H), 2.81 (s, 3H), 2.26 - 2.08 (m, 1H), 1.76 - 1.61 (m, 1H), 1.29 - 1.15 (m, 2H); LCMS (electrospray) m/z 506.0 (M+H)+.	D
100	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoroethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.47 (s, 1H), 11.47 - 11.38 (m, 1H), 9.07 (s, 1H), 9.03 - 8.98 (m, 1H), 8.39 (s, 1H), 8.05 (s, 1H), 5.08 - 5.05 (m, 1H), 5.04 - 4.84 (m, 1H), 3.24 (s, 3H), 2.19 (td, J = 7.0, 13.8 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.59 (d, J = 6.6 Hz, 3H), 1.25 - 1.17 (m, 1H); LCMS (electrospray) m/z 447.1 (M+H)+.	D
101	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3,3,3-trifluoroprop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.83 (s, 1H), 11.42 (s, 1H), 9.11 - 9.03 (m, 2H), 8.48 (s, 1H), 8.40 (s, 1H), 8.15 (s, 1H), 6.65 (s, 1H), 6.34 (s, 1H), 5.11 - 4.84 (m, 1H), 2.25 - 2.14 (m, 1H), 1.78 - 1.62 (m, 1H), 1.27 - 1.13 (m, 1H); LCMS (electrospray) m/z 483.0 (M+H)+.	D
102	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.06 (s, 1H), 11.34 (s, 1H), 9.01 (s, 1H), 8.76 (d, J = 1.1 Hz, 1H), 8.48 (s, 1H), 8.32 (s, 1H), 7.88 (br s, 1H), 5.08 - 4.85 (m, 1H), 4.77 (br d, J = 8.8 Hz, 1H), 4.07 - 3.91 (m, 1H), 2.27 (d, J = 3.3 Hz, 3H), 2.23 - 2.15 (m, 1H), 1.75 - 1.63 (m, 1H), 1.25 - 1.24 (m, 1H), 1.21-1.20 (m, 7H); LCMS (electrospray) m/z 426.1 (M+H)+.	D

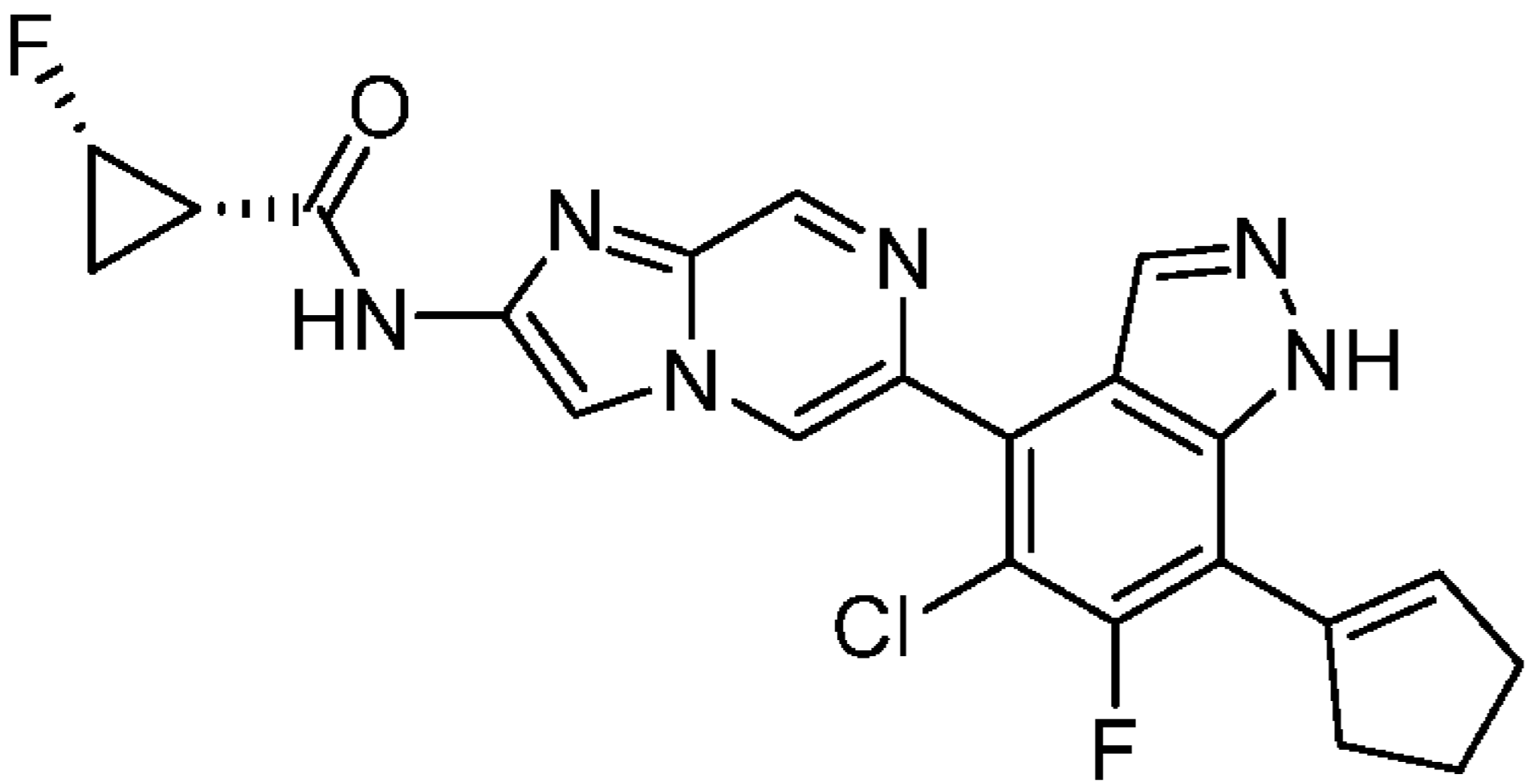
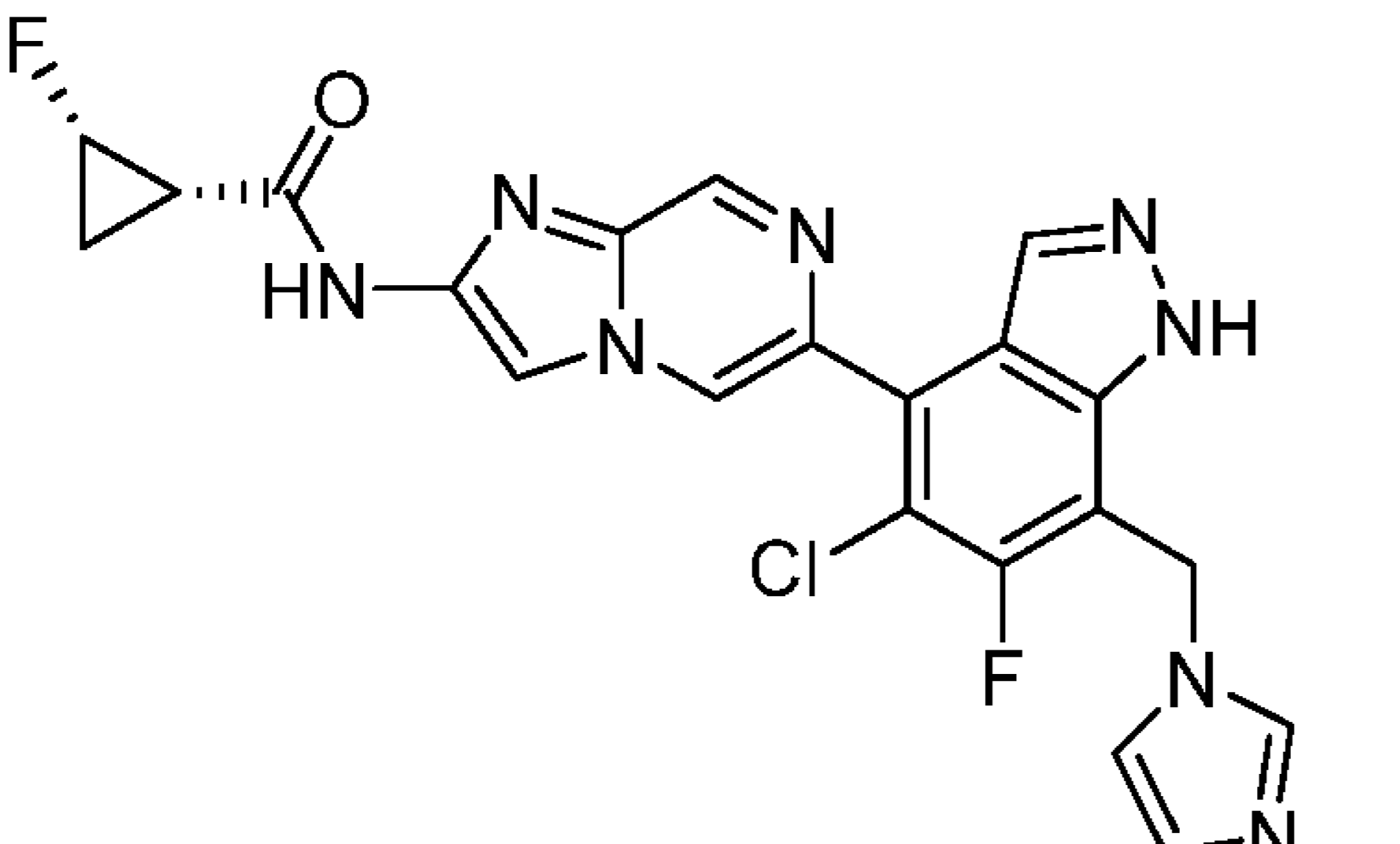
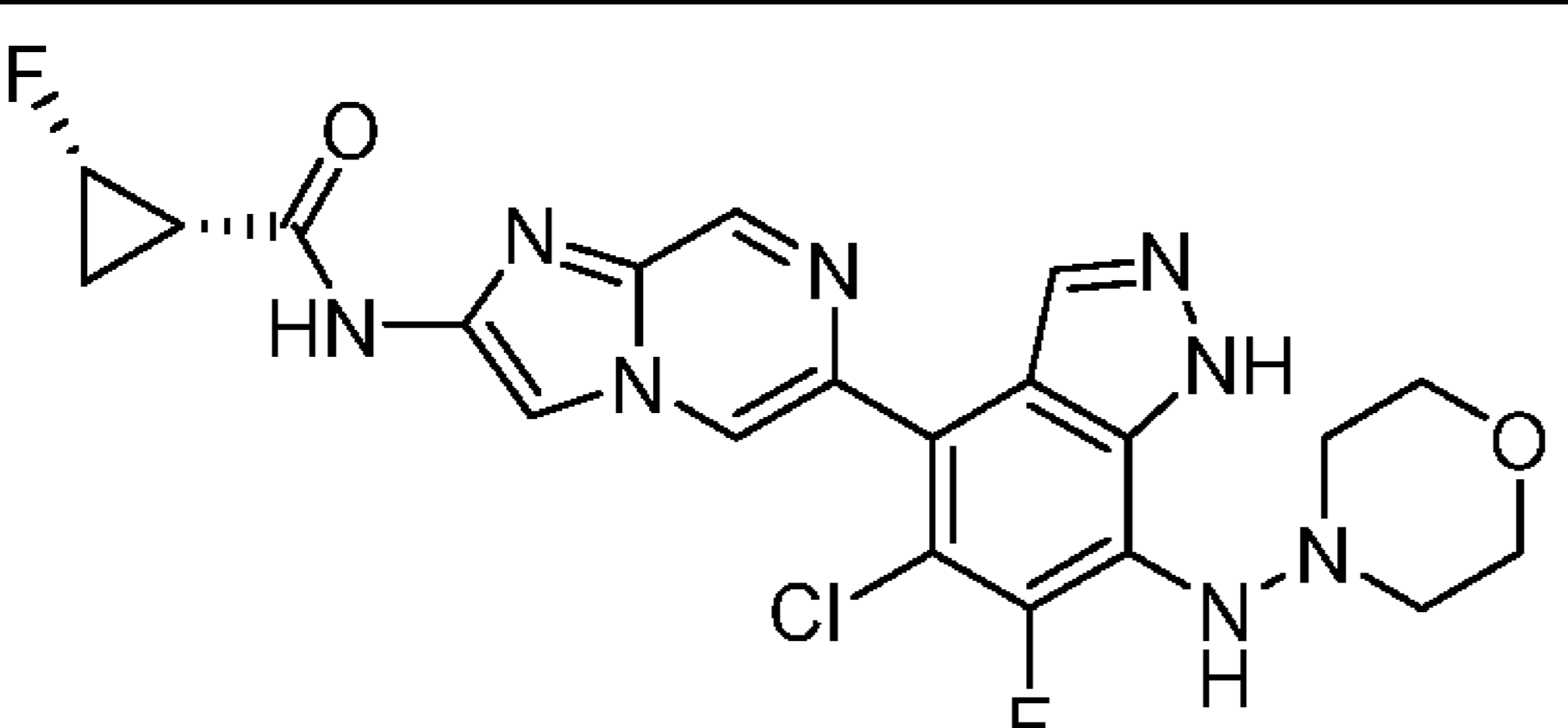
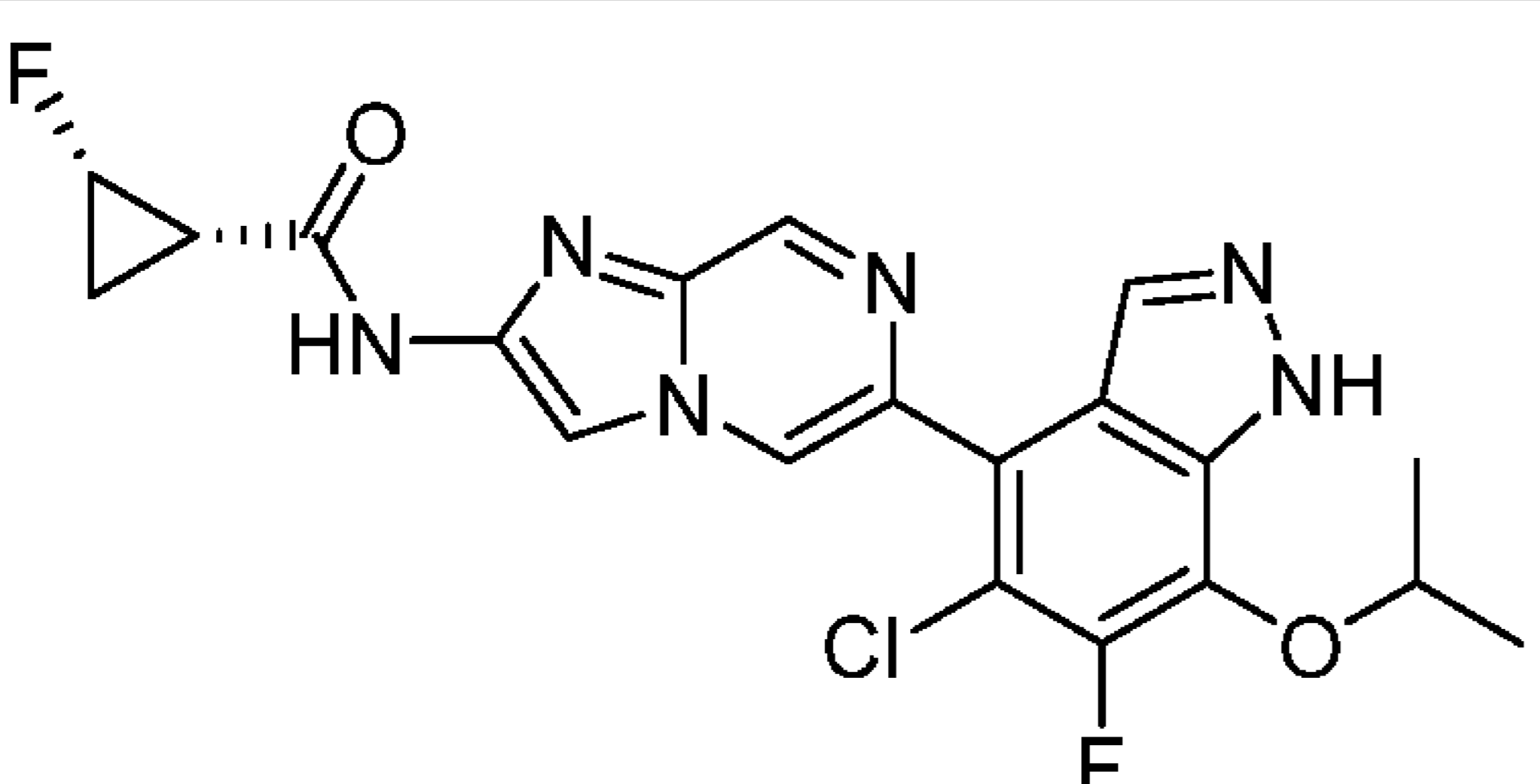
103	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylamino)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.41 (s, 1H), 9.07 (s, 1H), 9.00 (dd, J = 8.2, 1.1 Hz, 1H), 8.39 (s, 1H), 8.05-8.03 (m, 1H), 5.07-4.86 (m, 1H), 4.17-4.02 (m, 2H), 2.37-2.15 (m, 4H), 1.74-1.64 (m, 1H), 1.27-1.20 (m, 1H); LCMS (electrospray) m/z 432.10 (M+H) ⁺ .	D
104	 <p>(1S,2S)-N-(6-(5-chloro-7-((dimethylamino)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.44 (s, 1H), 11.41 (d, J = 11.5 Hz, 1H), 9.08 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.04 (s, 1H), 5.07-4.86 (m, 1H), 3.79 (d, J = 24.2 Hz, 2H), 2.27-2.15 (m, 8H), 1.69 (dtd, J = 23.3, 6.9, 3.8 Hz, 1H), 1.25-1.09 (m, 1H); LCMS (electrospray) m/z 446.10 (M+H) ⁺ .	D
105	 <p>(1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.14 (s, 1H), 11.39 (s, 1H), 9.04 (s, 1H), 8.82 (d, J = 1.1 Hz, 1H), 8.36 (s, 1H), 7.94-7.85 (m, 1H), 5.57 (s, 1H), 5.32 (s, 1H), 5.10-4.83 (m, 1H), 2.77-2.60 (m, 2H), 2.28-2.11 (m, 4H), 1.82-1.58 (m, 1H), 1.22-1.16 (m, 1H), 1.13 (t, J = 7.6 Hz, 3H); LCMS (electrospray) m/z 423.15 (M+H) ⁺ .	D
106	 <p>(1S,2S)-N-(6-(5-ethyl-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.20 (s, 1H), 11.38 (s, 1H), 9.03 (d, J = 1.1 Hz, 1H), 8.80 (s, 1H), 8.35 (s, 1H), 7.87 (d, J = 6.0 Hz, 1H), 5.09-4.84 (m, 1H), 3.67-3.53 (m, 1H), 2.74-2.59 (m, 2H), 2.25-2.13 (m, 1H), 1.78-1.61 (m, 1H), 1.44 (d, J = 7.1 Hz, 6H), 1.22-1.15 (m, 1H), 1.15-1.06 (m, 3H); LCMS (electrospray) m/z 425.20 (M+H) ⁺ .	D

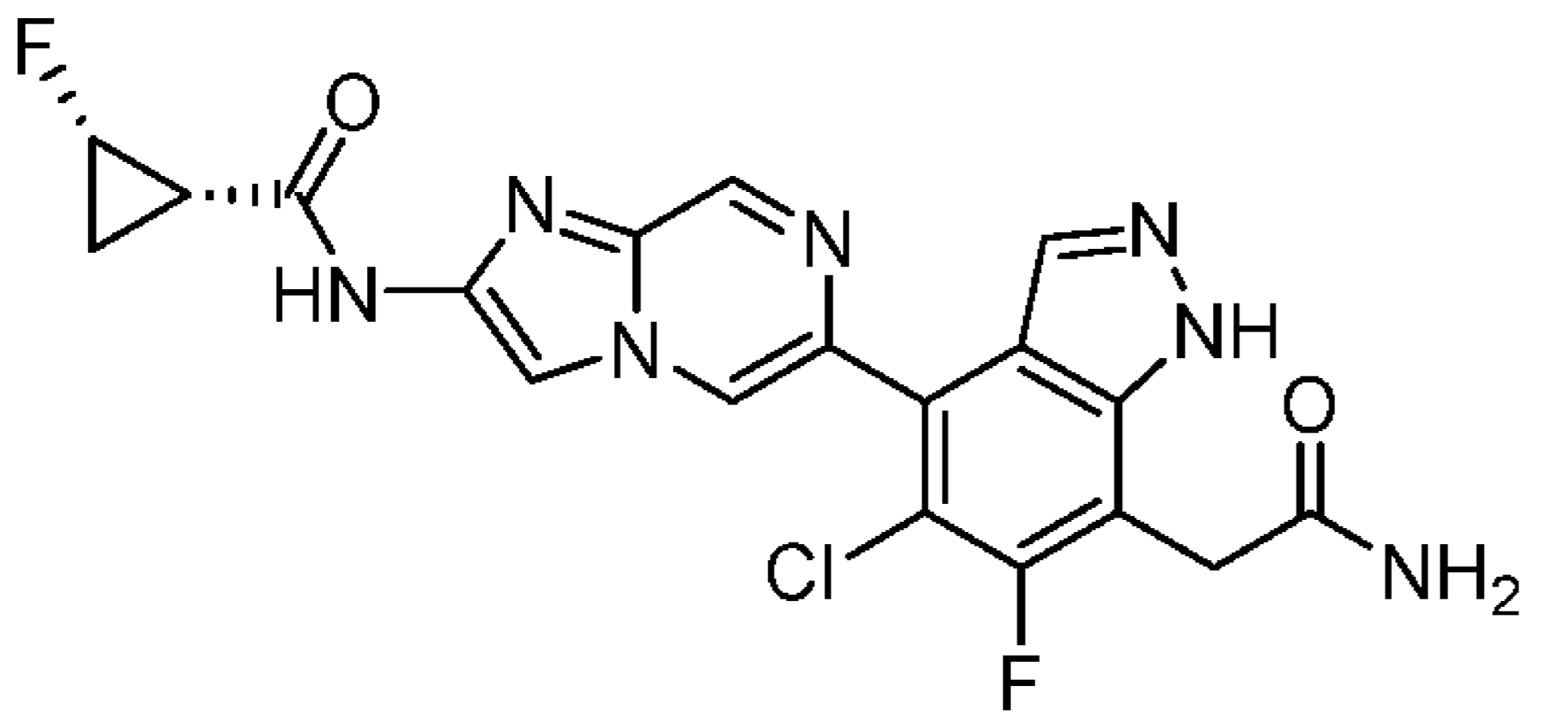
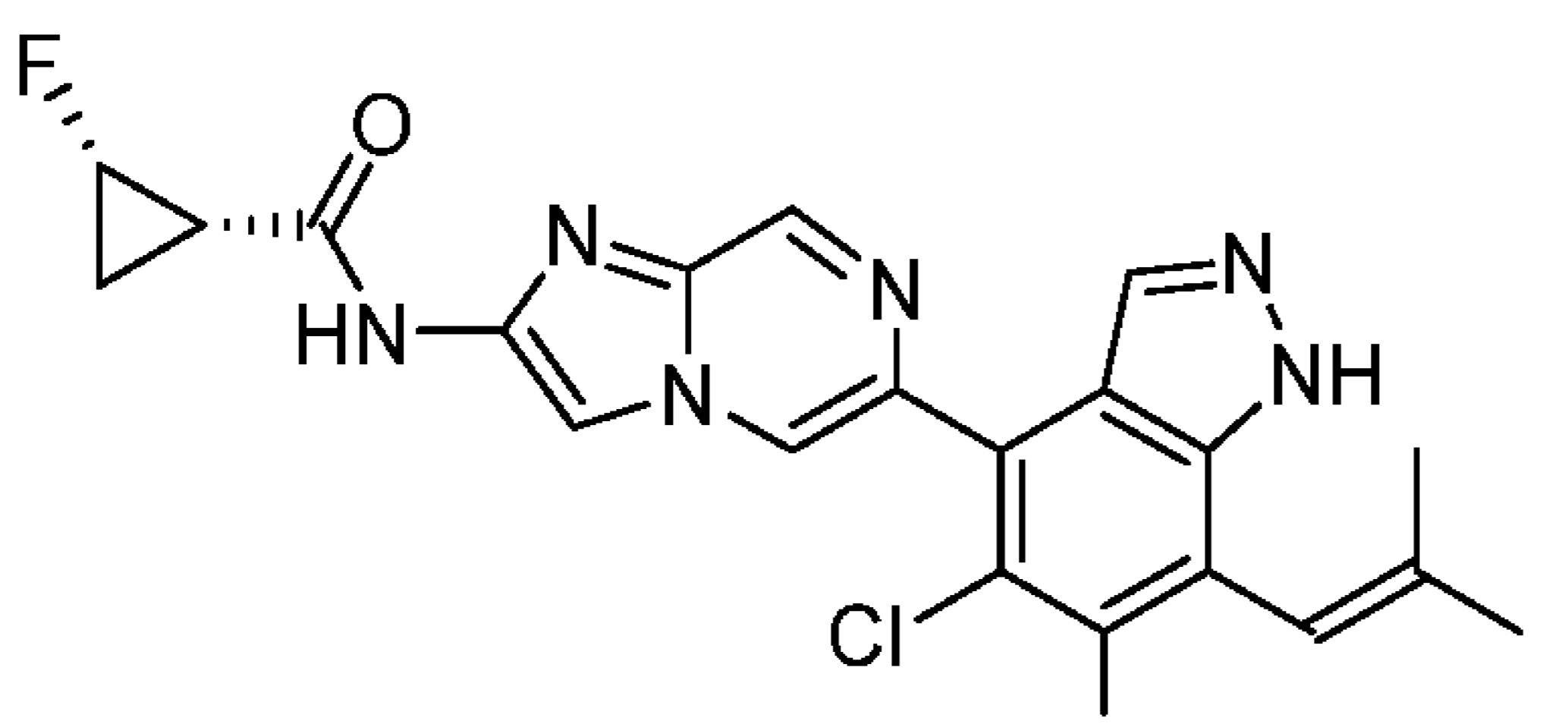
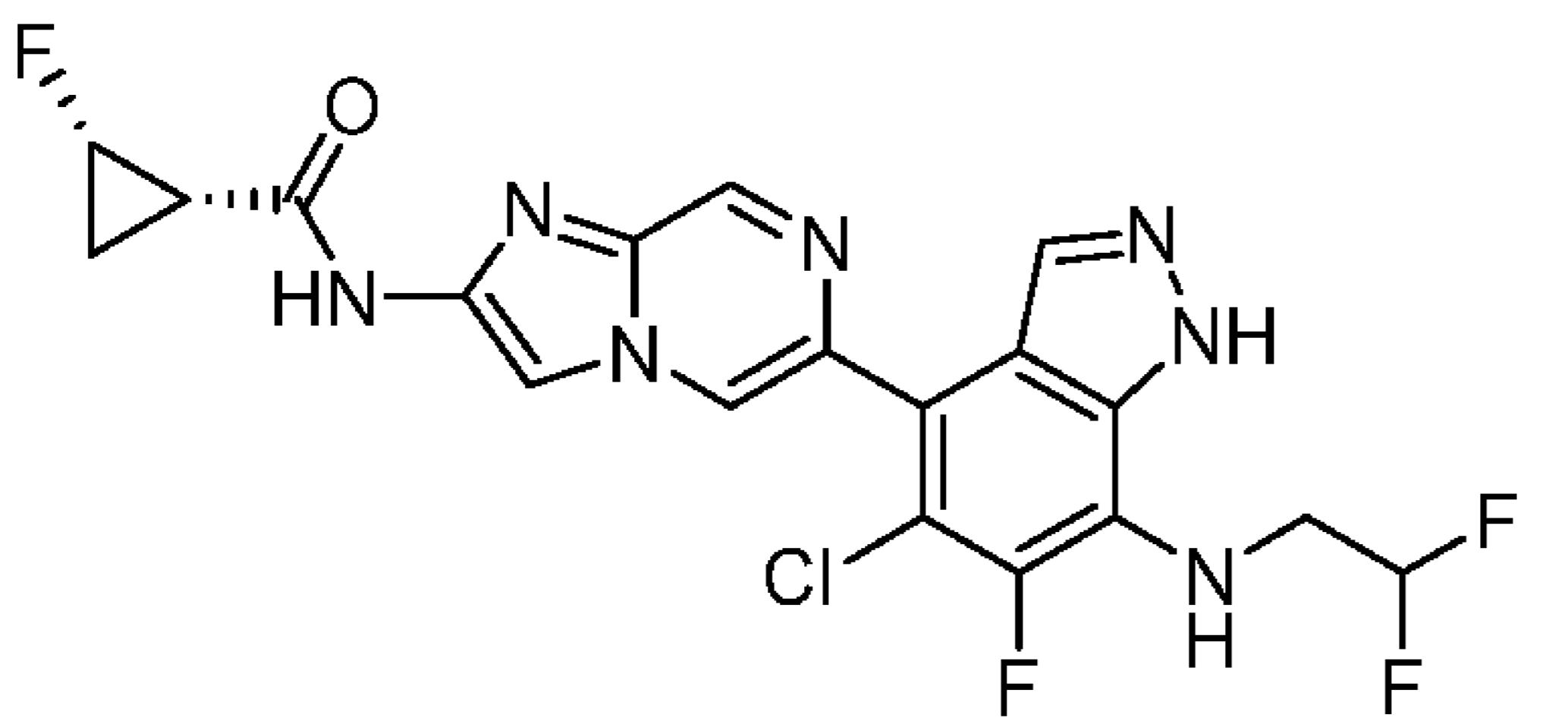
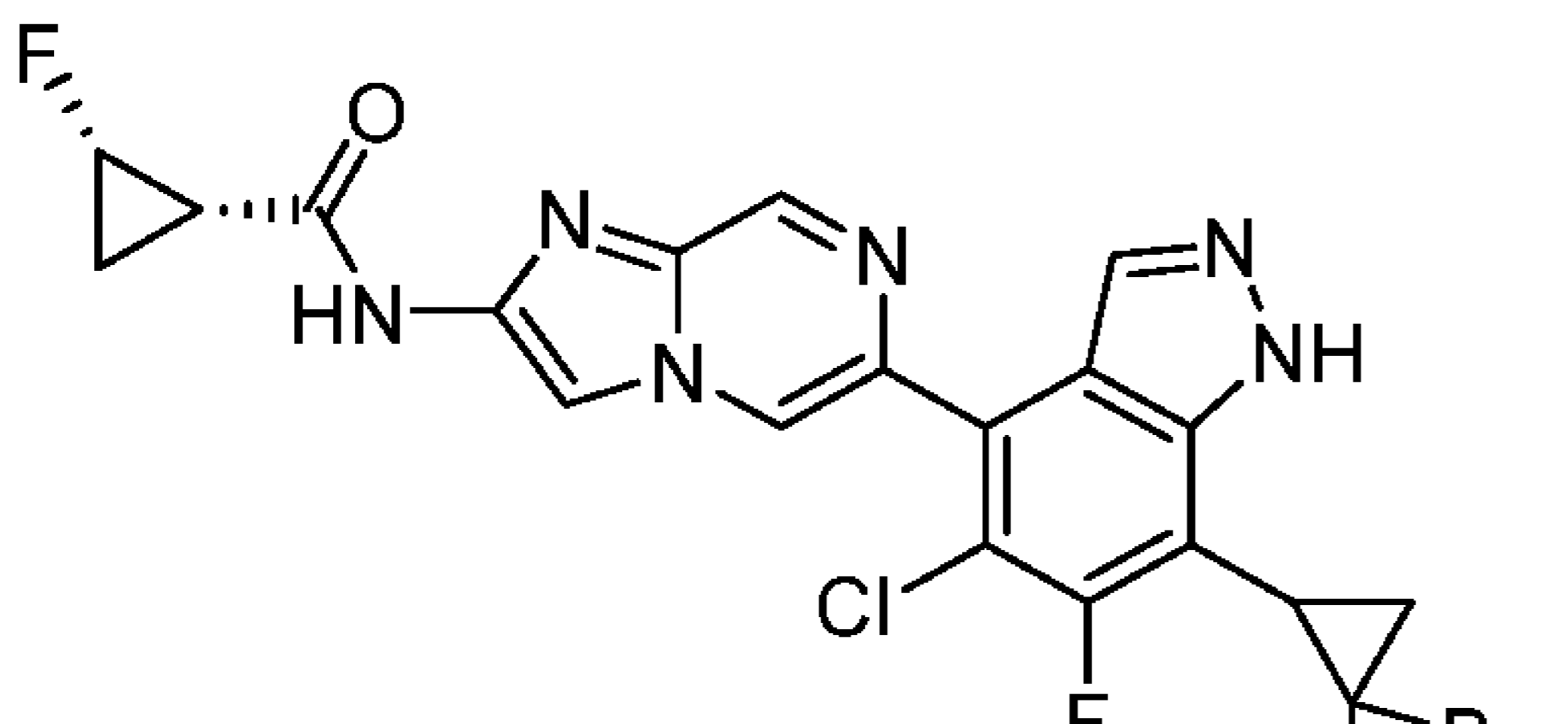
107	 <p>(1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 12.93 (s, 1H), 11.35 (s, 1H), 8.99 (s, 1H), 8.73 (d, J = 1.6 Hz, 1H), 8.33 (s, 1H), 7.80 (d, J = 1.1 Hz, 1H), 5.12-4.83 (m, 1H), 4.74 (dd, J = 9.9, 2.2 Hz, 1H), 4.10-3.90 (m, 1H), 2.72-2.60 (m, 2H), 2.24-2.14 (m, 1H), 1.75-1.61 (m, 1H), 1.32-1.16 (m, 7H), 1.13 (t, J = 7.1 Hz, 3H); LCMS (electrospray) m/z 440.20 (M+H) ⁺ .	D
108	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrrol-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.31 (s, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.01 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.07 (s, 1H), 7.48 (s, 1H), 7.01-6.96 (m, 1H), 6.65 (d, J = 2.2 Hz, 1H), 5.07-4.86 (m, 1H), 3.76 (s, 3H), 2.23-2.16 (m, 1H), 1.74-1.64 (m, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 469.1 (M+H) ⁺ .	D
109	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1H-pyrrol-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.31 (s, 1H), 11.45 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.01 (d, J = 1.1 Hz, 1H), 8.39 (s, 1H), 8.07 (d, J = 1.1 Hz, 1H), 7.50 (s, 1H), 7.02 (q, J = 2.4 Hz, 1H), 6.69 (s, 1H), 5.07-4.86 (m, 1H), 2.23-2.16 (m, 1H), 1.69 (dtd, J = 23.5, 6.9, 3.7 Hz, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 455.1 (M+H) ⁺ .	D
110	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.54 (s, 1H), 11.44 (s, 1H), 9.12 (s, 1H), 9.09 (d, J = 1.6 Hz, 1H), 8.43 (d, J = 7.7 Hz, 1H), 8.18 (d, J = 1.1 Hz, 1H), 7.71-7.68 (m, 1H), 6.67 (d, J = 1.9 Hz, 1H), 5.08-4.88 (m, 1H), 3.77 (t, J = 11.0 Hz, 3H), 2.24-2.17 (m, 1H), 1.70 (dtd, J = 23.4, 6.8, 3.8 Hz, 1H), 1.26-1.18 (m, 2H); LCMS (electrospray) m/z 470.1 (M+H) ⁺ .	D
111	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(1-hydroxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.82 (s, 1H), 11.39 (s, 1H), 9.04 (s, 1H), 8.96 (d, J = 1.3 Hz, 1H), 8.48 (br s, 1H), 8.36 (s, 1H), 7.98 (s, 1H), 5.54 - 4.80 (m, 2H), 4.61 (br s, 1H), 3.44 - 3.40 (m, 3H), 2.27 - 2.08 (m, 1H), 1.75 - 1.62 (m, 1H), 1.23 (s, 1H), 1.19 (s, 6H); LCMS (electrospray) m/z 476.2	D

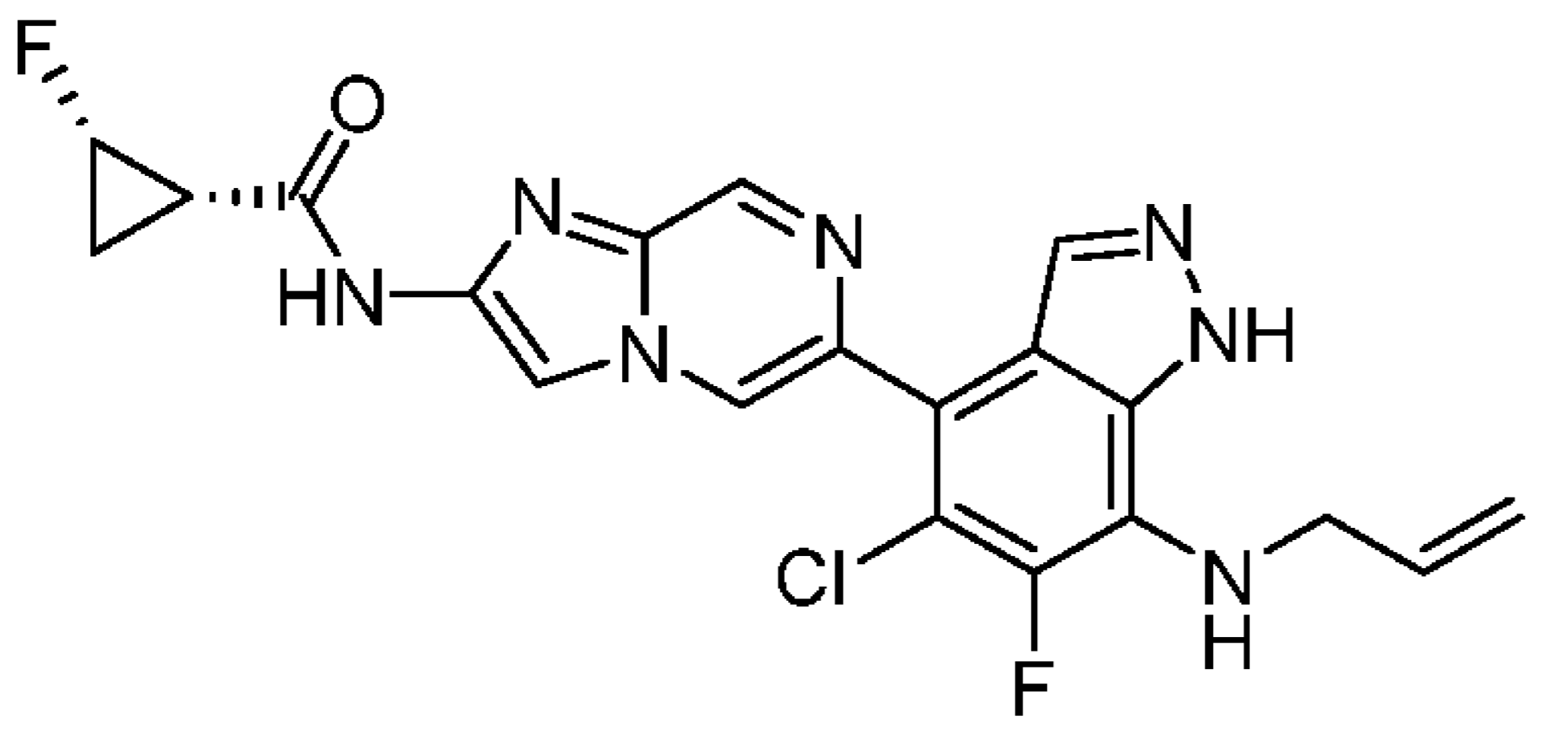
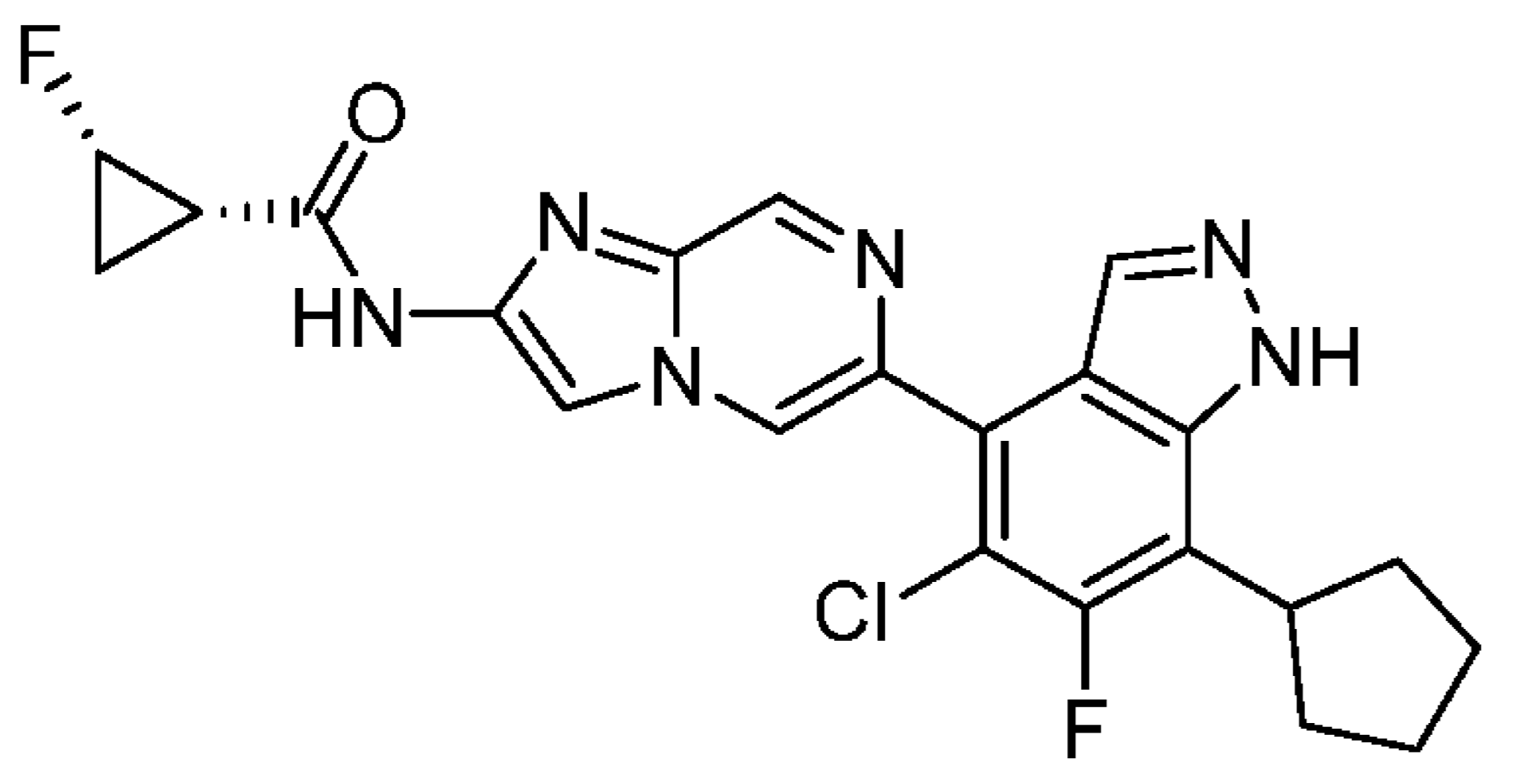
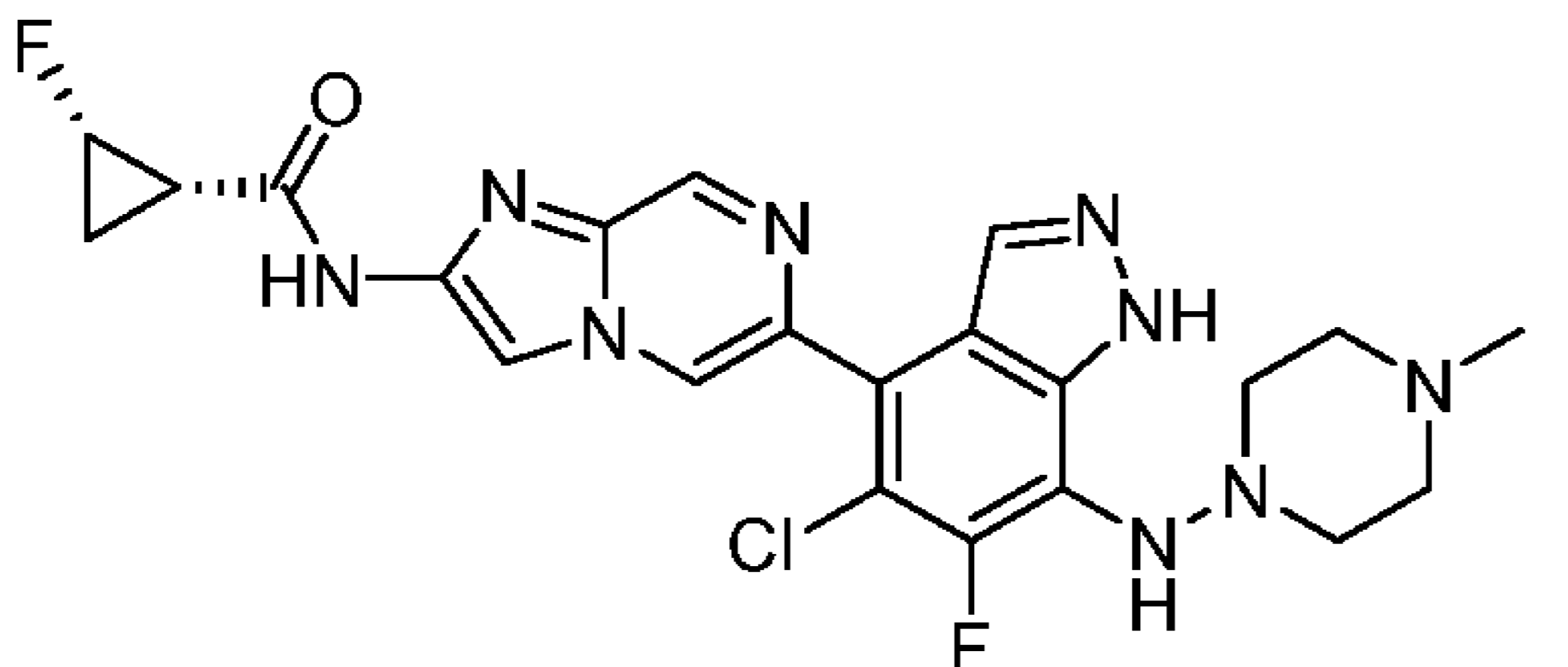
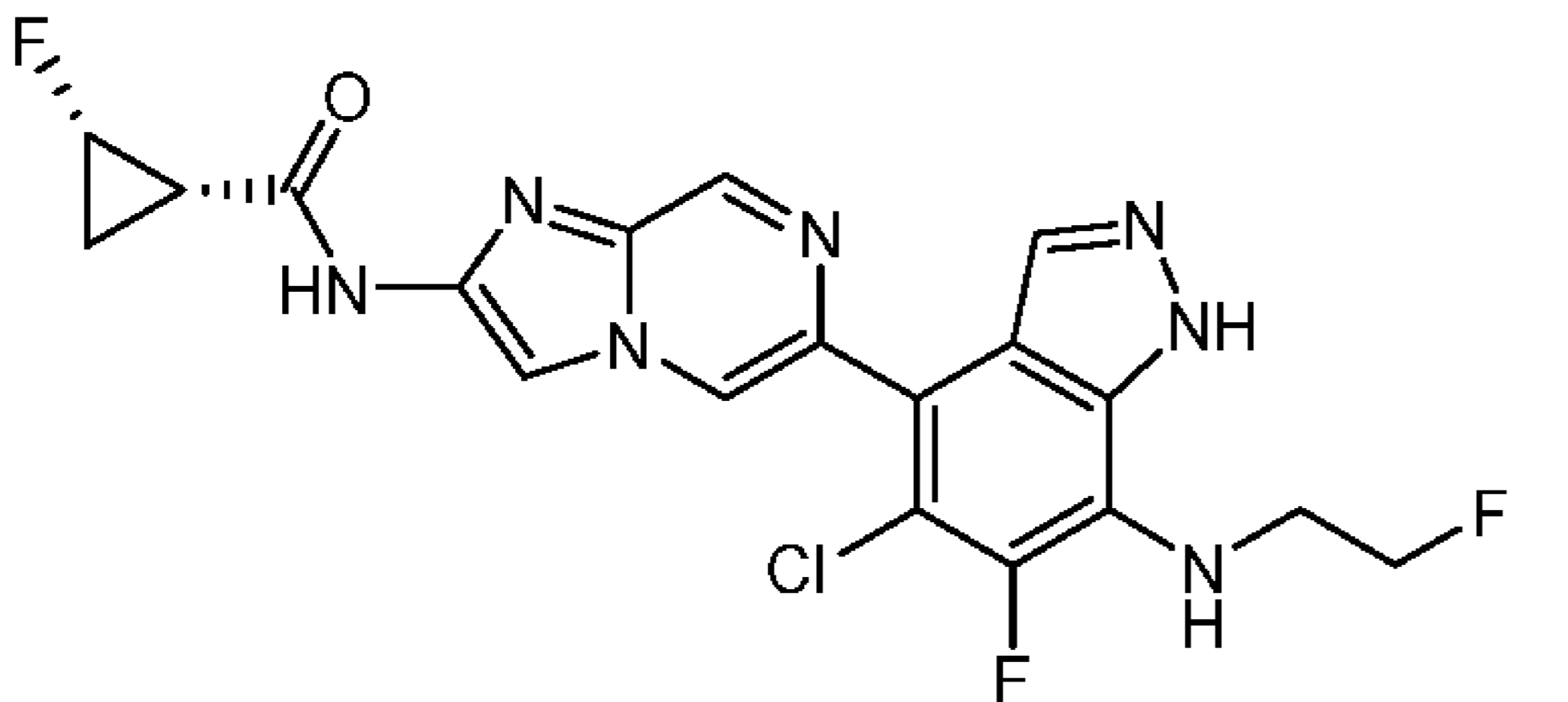
	hydroxy-2-methylpropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	(M+H)+.	
112	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-pivaloyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.79 (s, 1H), 11.42 (s, 1H), 9.12 - 9.05 (m, 2H), 8.41 (s, 1H), 8.18 (s, 1H), 5.10 - 4.85 (m, 2H), 2.23 - 2.16 (m, 1H), 1.75 - 1.64 (m, 1H), 1.30 (d, J = 1.1 Hz, 9H), 1.25 (br s, 1H); LCMS (electrospray) m/z 473.3 (M+H)+.	D
113	 <p>(1S,2S)-N-(6-(5-chloro-7-cyclopropoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.63 (s, 1H) 11.40 (s, 1H) 9.04 - 9.10 (m, 1H) 8.98 (s, 1H) 8.38 (s, 1H) 8.07 (br s, 1H) 4.81 - 5.12 (m, 1H) 4.55 (m, 1H) 2.15 - 2.25 (m, 1H) 1.63 - 1.77 (m, 1H) 1.15 - 1.28 (m, 1H) 0.86 - 0.96 (m, 2H) 0.69 - 0.78 (m, 2H); LCMS (electrospray) m/z 445.0 (M+H)+.	D
114	 <p>4-methyltetrahydrofuran-3-yl (6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)carbamate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.98 (s, 1H), 10.95 - 10.53 (m, 1H), 9.03 (s, 1H), 9.00 (d, J = 1.3 Hz, 1H), 8.50 (s, 1H), 8.19 (br s, 1H), 8.12 (s, 1H), 4.92 - 4.81 (m, 1H), 4.04 - 3.91 (m, 2H), 3.81 - 3.71 (m, 1H), 2.59 (s, 3H), 1.23 (br s, 1H), 1.07 (d, J = 7.1 Hz, 3H); LCMS (electrospray) m/z 477.3 (M+H)+.	D
115	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-hydroxyethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.50 (s, 1H), 11.35 (s, 1H), 9.02 (d, J = 0.6 Hz, 1H), 8.88 (d, J = 1.3 Hz, 1H), 8.49 (s, 1H), 8.35 (s, 1H), 8.01 - 7.88 (m, 1H), 8.09 - 7.79 (m, 1H), 5.67 (br d, J = 2.6 Hz, 1H), 5.07 - 4.83 (m, 2H), 3.66 - 3.53 (m, 4H), 2.24 - 2.10 (m, 1H), 1.76 - 1.59 (m, 1H), 1.20 (tdd, J = 6.3, 9.0, 12.4 Hz, 1H), 1.05 (t, J = 7.0 Hz, 1H); LCMS (electrospray) m/z 448.3 (M+H)+.	D

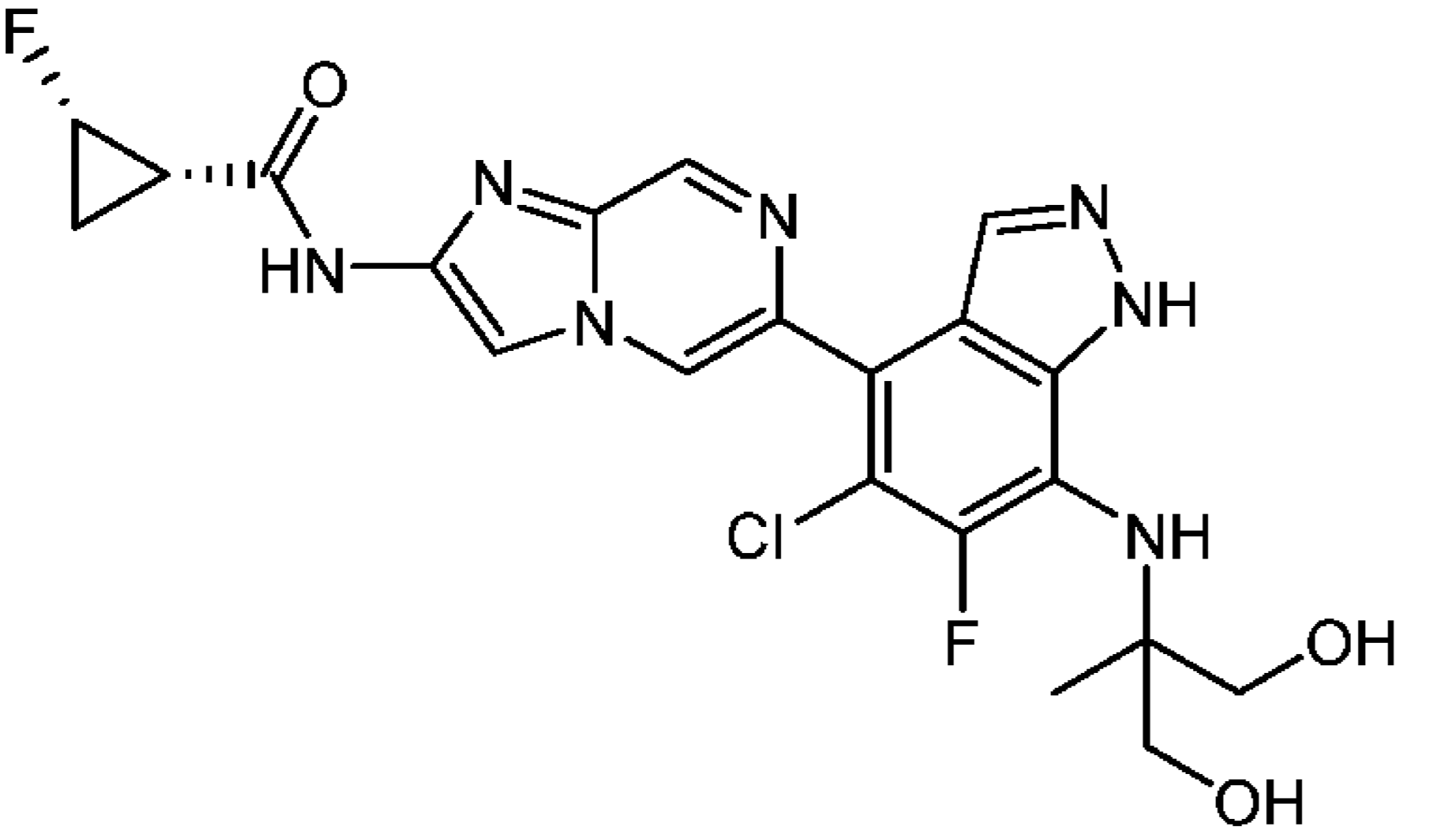
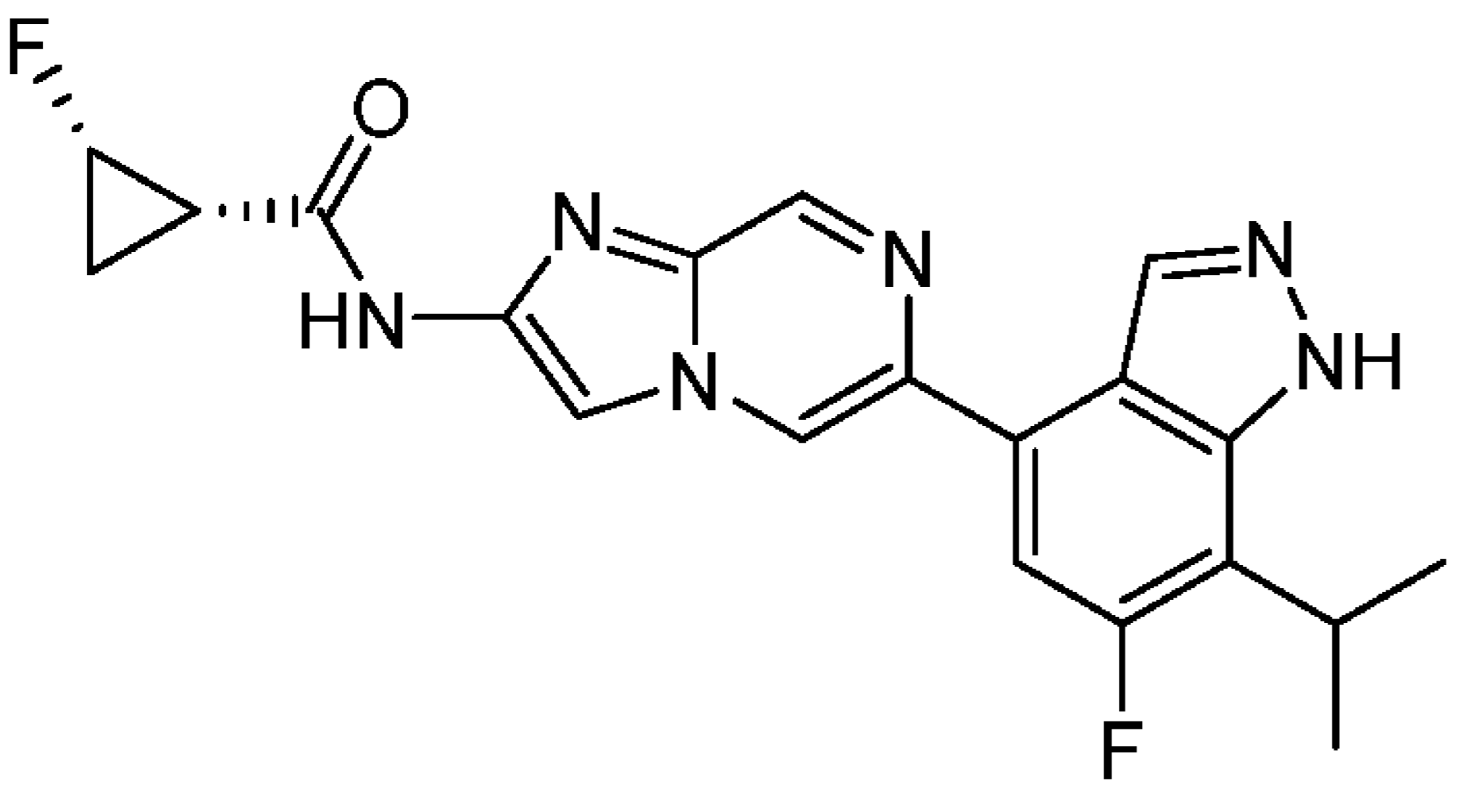
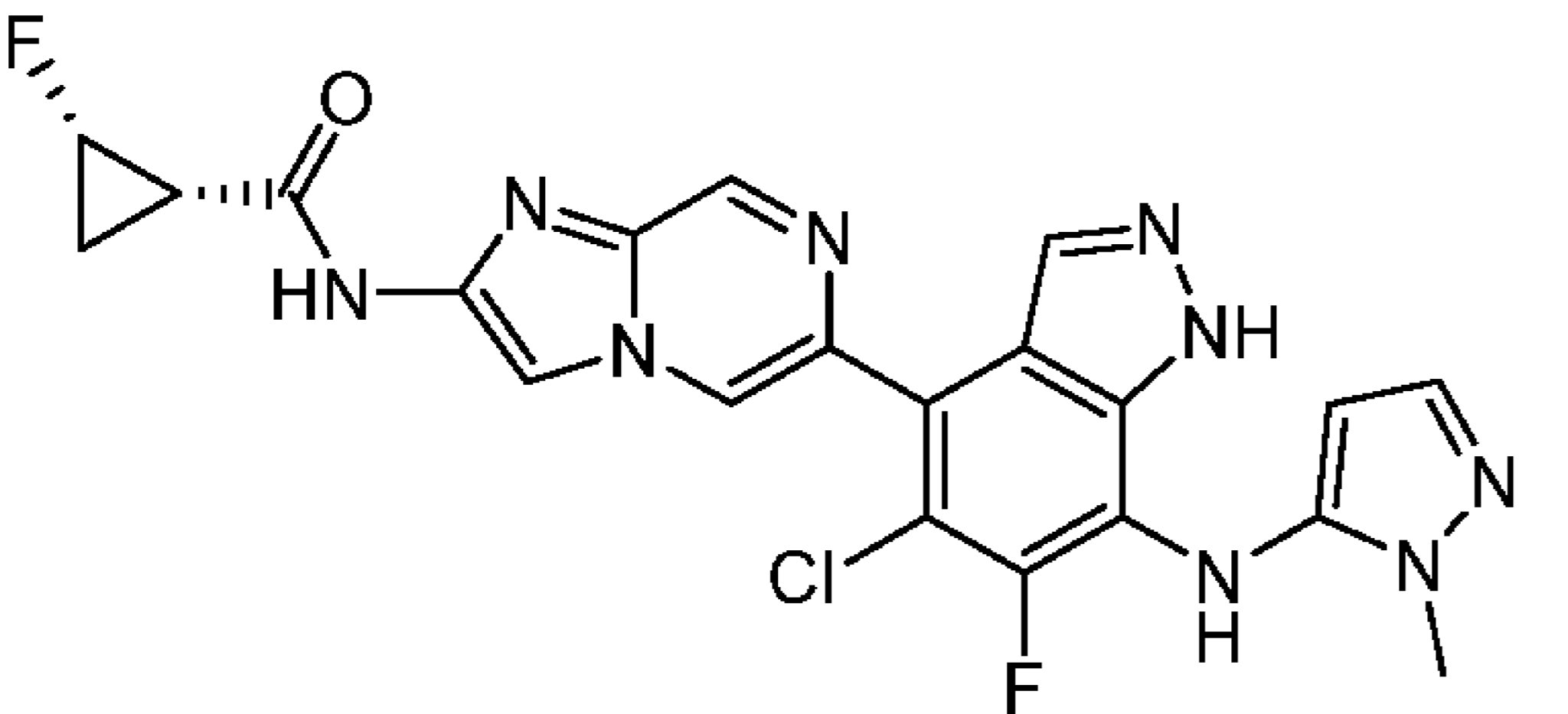
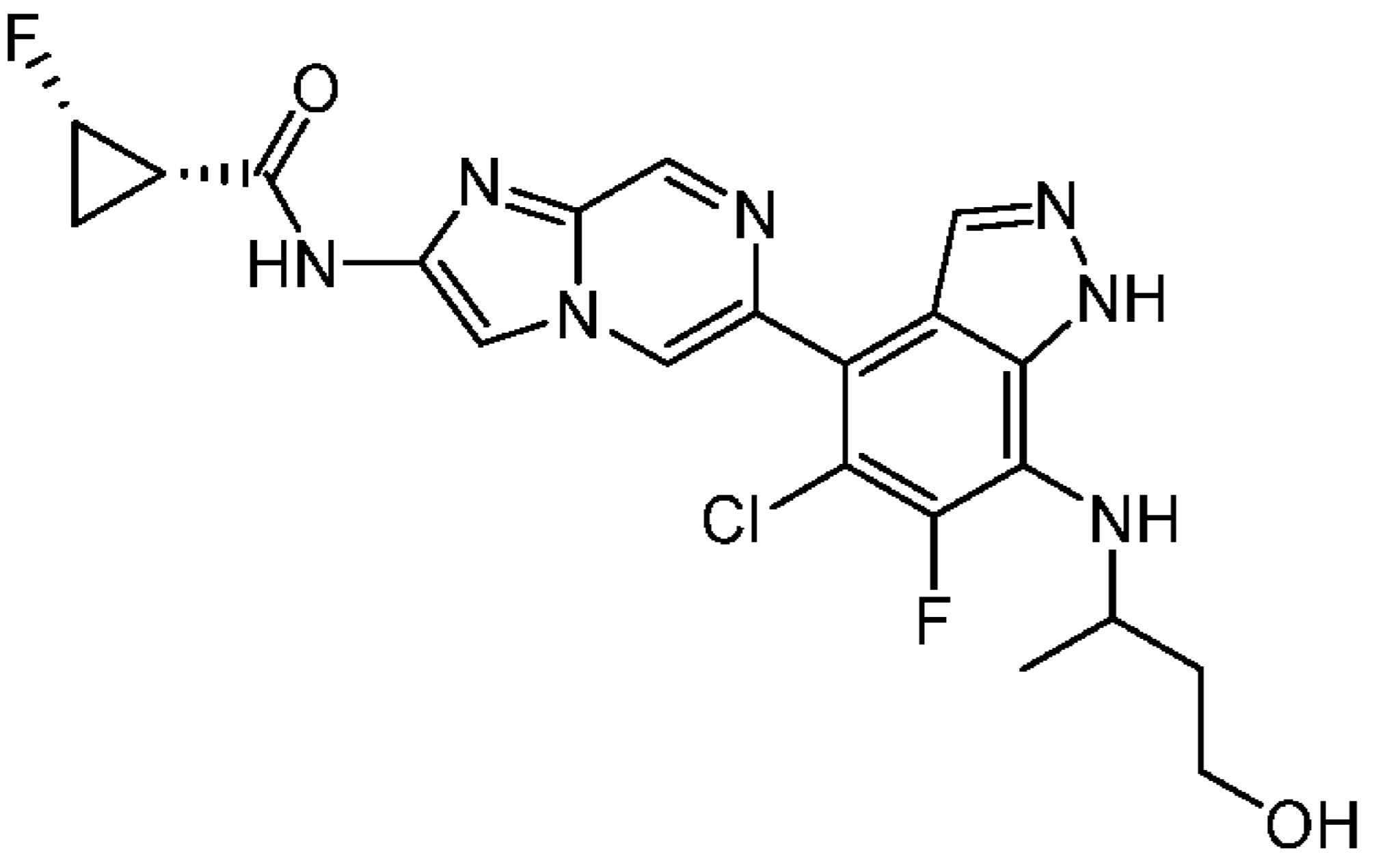
116	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclobutylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.88 (d, J = 1.1 Hz, 1H), 8.35 (s, 1H), 7.94 (br s, 1H), 5.79 (br d, J = 6.4 Hz, 1H), 5.10 - 4.80 (m, 1H), 4.35 (br d, J = 5.3 Hz, 1H), 2.36 - 2.30 (m, 2H), 2.22 - 2.15 (m, 1H), 2.06 - 2.01 (m, 1H), 2.06 - 1.99 (m, 1H), 1.71 (td, J = 3.2, 6.8 Hz, 2H), 1.68 - 1.63 (m, 1H), 1.25 - 1.15 (m, 2H); LCMS (electrospray) m/z 458.1 (M+H) ⁺ .	D
117	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclopentylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 1.2 Hz, 1H), 8.47 (s, 1H), 8.35 (s, 1H), 7.96 (br s, 1H), 5.52 - 5.39 (m, 1H), 5.11 - 4.82 (m, 1H), 4.43 - 4.23 (m, 1H), 2.23 - 2.15 (m, 1H), 1.94 (br d, J = 5.4 Hz, 2H), 1.82 - 1.69 (m, 3H), 1.63 - 1.55 (m, 4H), 1.25 - 1.16 (m, 1H); LCMS (electrospray) m/z 472.1 (M+H) ⁺ .	D
118	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methoxyethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.31 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 1.3 Hz, 1H), 8.35 (s, 1H), 8.08 - 7.86 (m, 1H), 5.67 (br s, 1H), 5.15 - 4.76 (m, 1H), 3.74 - 3.61 (m, 2H), 3.58 - 3.49 (m, 2H), 3.29 (s, 3H), 2.25 - 2.11 (m, 1H), 1.80 - 1.54 (m, 1H), 1.26 - 1.12 (m, 1H); LCMS (electrospray) m/z 426.0 (M+H) ⁺ .	D
119	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.94 (s, 1H), 11.42 (s, 1H), 9.11 - 9.01 (m, 2H), 8.47 (s, 1H), 8.38 (s, 1H), 8.13 (s, 1H), 5.12 - 4.82 (m, 1H), 4.60 - 4.46 (m, 1H), 2.25 - 2.15 (m, 1H), 1.75 (br d, J = 6.7 Hz, 3H), 1.66 (dt, J = 3.8, 6.7 Hz, 1H), 1.29 - 1.13 (m, 1H); LCMS (electrospray) m/z 485.0 (M+H) ⁺ .	D
120	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-hydroxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.65 (s, 1H), 11.38 (s, 1H), 9.03 (s, 1H), 8.90 (s, 1H), 8.44 (s, 1H), 8.36 (s, 1H), 7.98 (s, 1H), 7.23 (s, 1H), 6.96-6.84 (m, 1H), 5.31 (d, J=7.9 Hz, 1H), 5.14-5.00 (m, 1H), 4.98-4.82 (m, 1H), 4.14-3.85 (m, 1H), 2.25-2.14 (m, 1H), 2.08 (s, 2H), 1.79-1.57 (m, 1H), 1.30-1.12	D

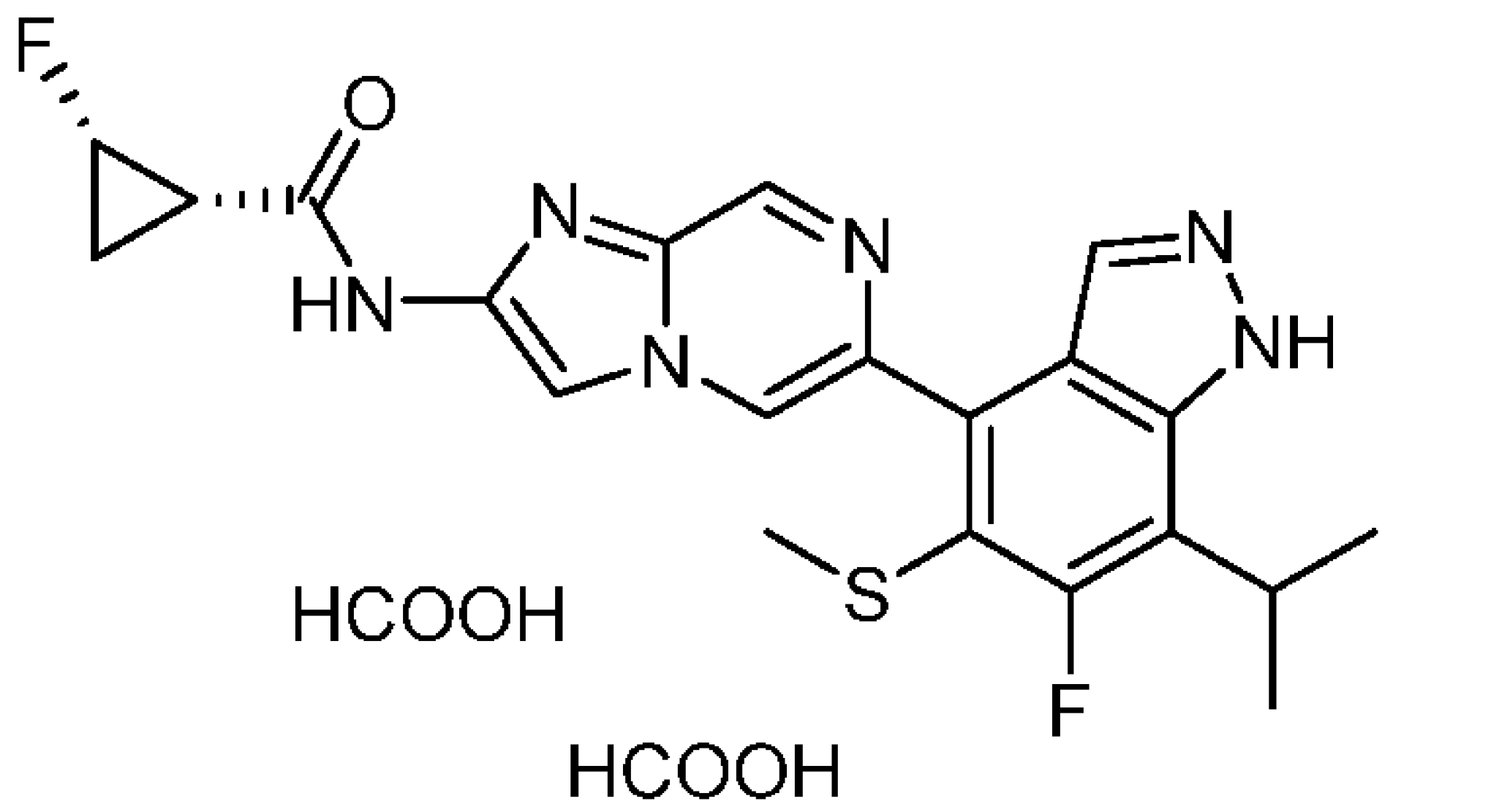
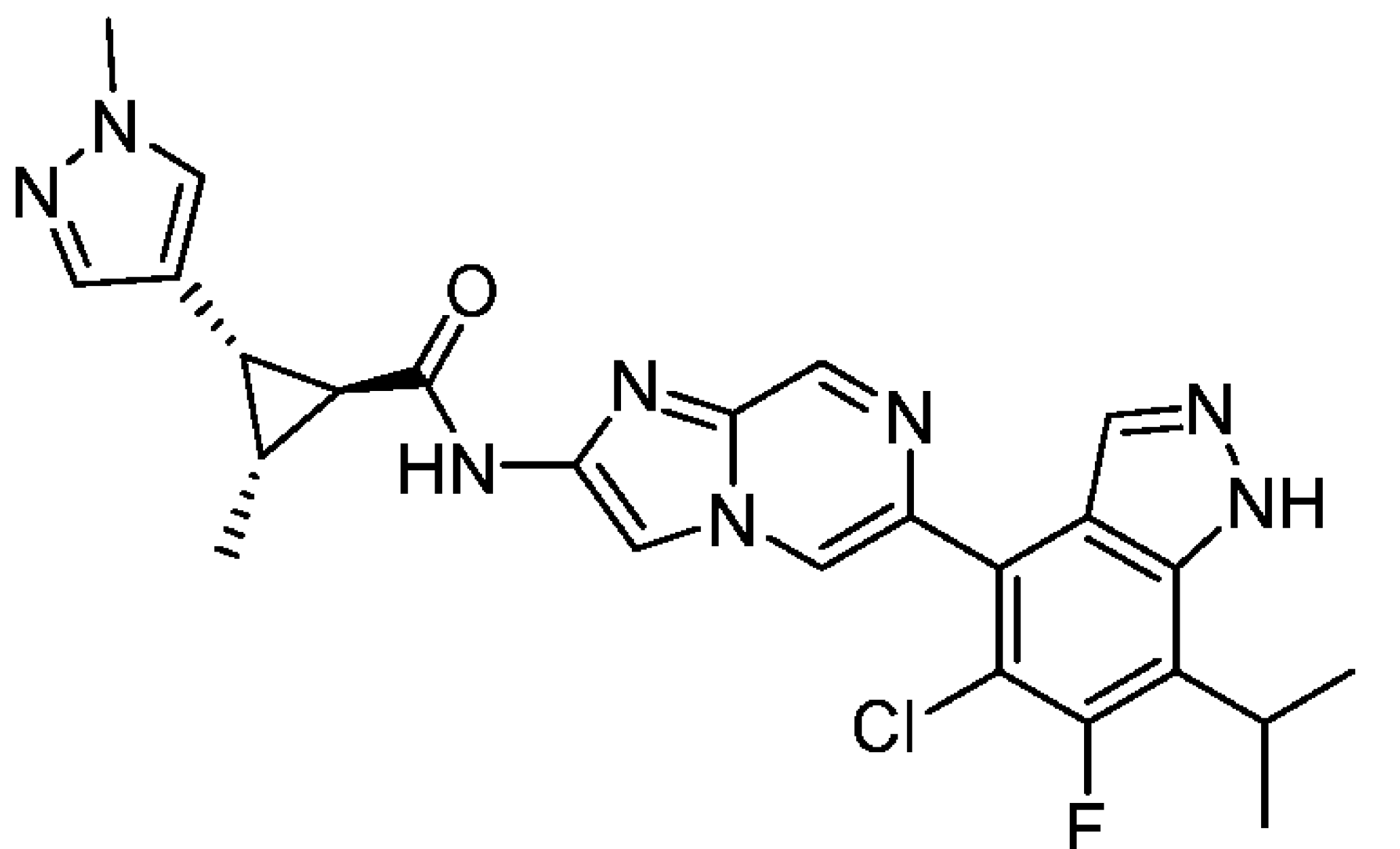
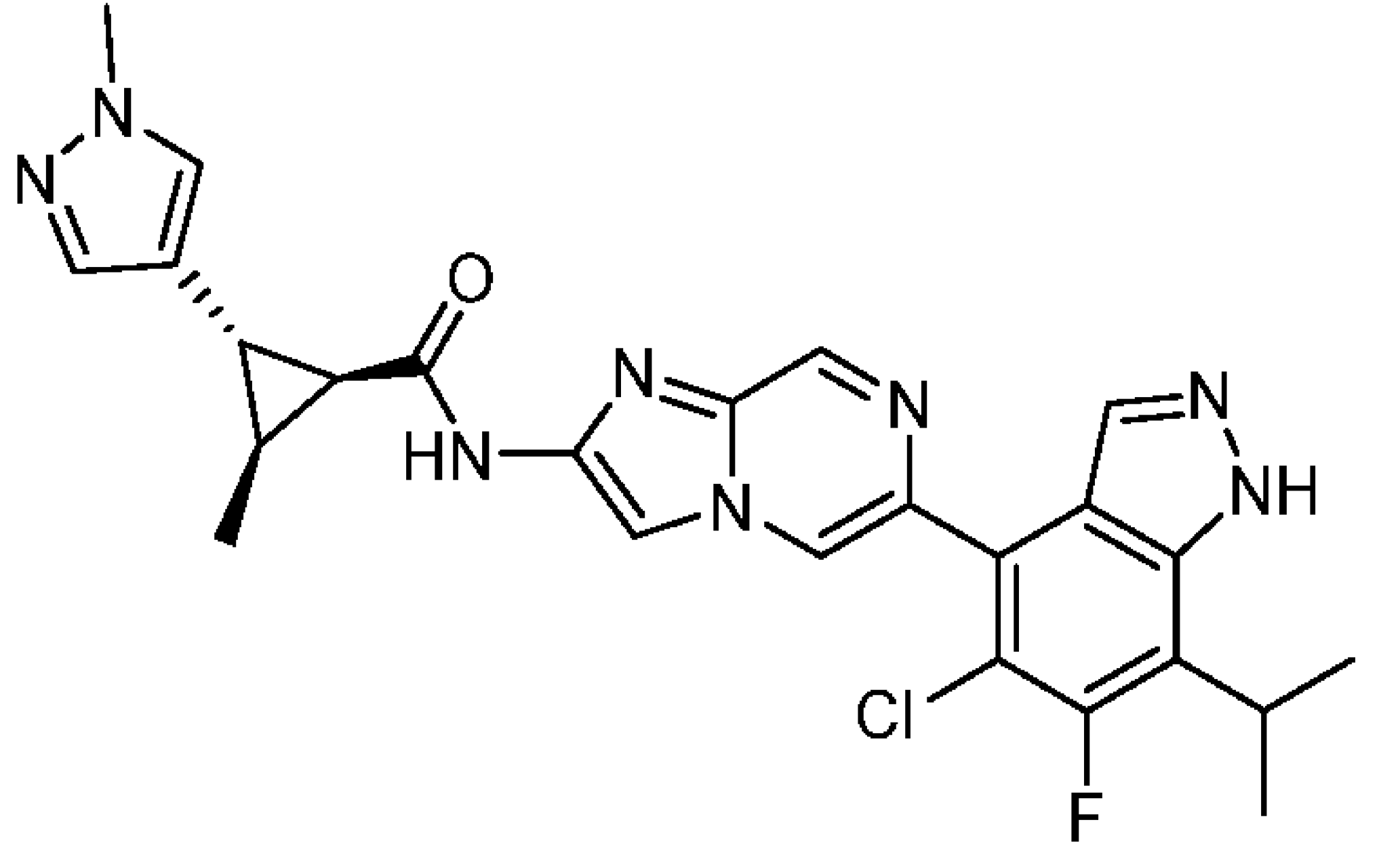
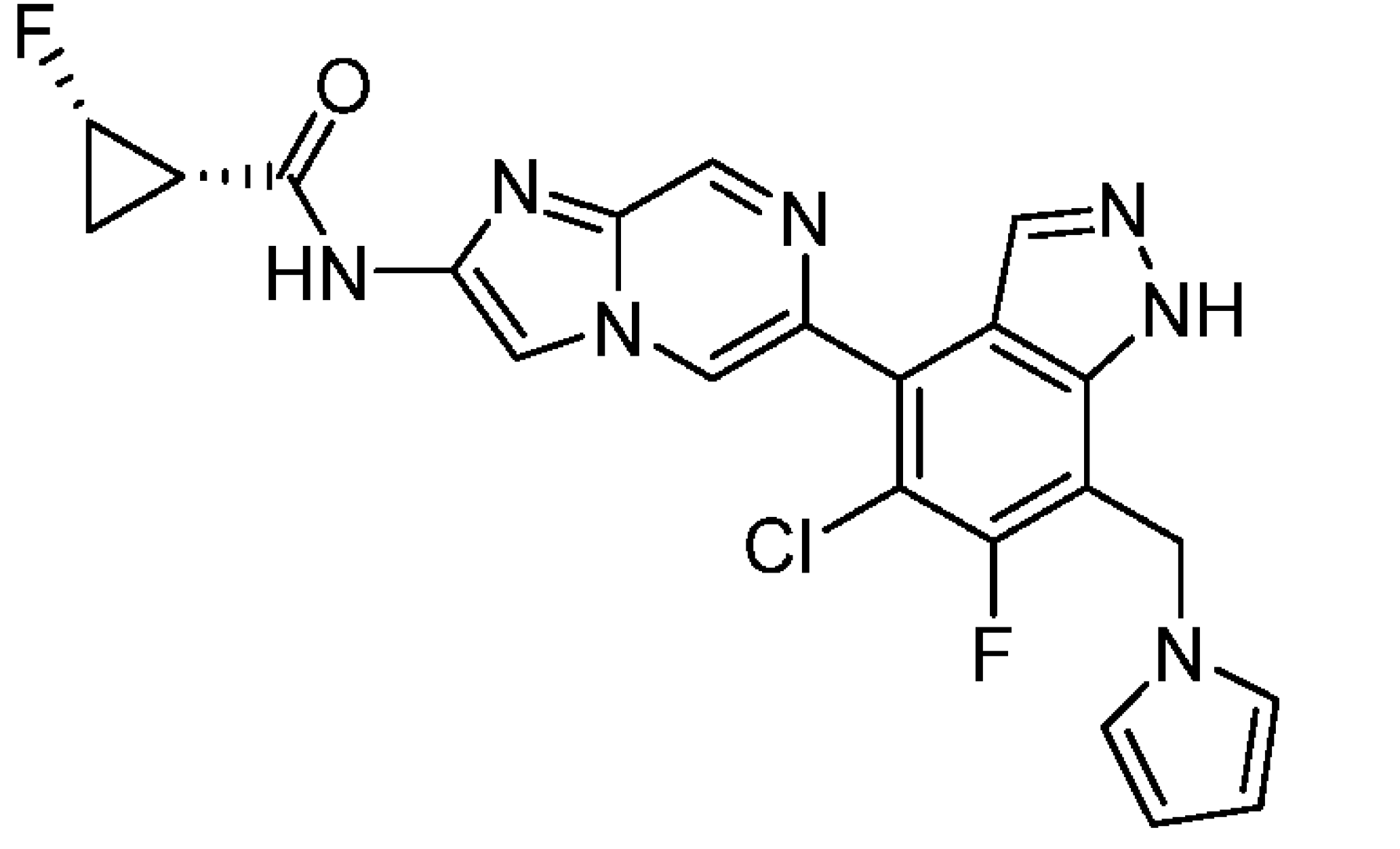
	4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid	1	(m, 5H); LCMS (electrospray) m/z 462.0 (M+H)+.	
121	 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-methoxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		¹ H NMR (400MHz, DMSO-d ₆) δ 13.20 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.90 (s, 1H), 8.35 (s, 1H), 7.95 (s, 1H), 5.32-5.20 (m, 1H), 5.05 (dd, J=6.2, 3.7 Hz, 1H), 4.95-4.81 (m, 1H), 4.42-4.29 (m, 1H), 4.16-3.99 (m, 1H), 3.27 (m, 3H), 2.24-2.12 (m, 1H), 1.77-1.61 (m, 1H), 1.29-1.13 (m, 1H), 1.05 (t, J=7.0 Hz, 1H); LCMS (electrospray) m/z 476.1 (M+H)+.	D
122	 (1S,2R,3S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide		¹ H NMR (400MHz, DMSO-d ₆) δ 13.80 (s, 1H), 11.27 (s, 1H), 9.04 (s, 1H), 8.93 (d, J=1.3 Hz, 1H), 8.37 (s, 1H), 8.00 (s, 1H), 7.54 (s, 1H), 7.29 (s, 1H), 3.80 (s, 3H), 3.02 (d, J=2.3 Hz, 6H), 2.37-2.30 (m, 1H), 2.02 (t, J=4.7 Hz, 1H), 1.62 (ddd, J=9.1, 6.1, 4.8 Hz, 1H), 0.97 (d, J=6.2 Hz, 3H); LCMS (electrospray) m/z 508.1 (M+H)+.	D
123	 (1S,2S,3S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide		¹ H NMR (400MHz, DMSO-d ₆) δ 11.27 (s, 1H), 9.04 (d, J=0.6 Hz, 1H), 8.92 (d, J=1.4 Hz, 1H), 8.41 (s, 1H), 8.00 (s, 1H), 7.53 (s, 1H), 7.26 (s, 1H), 3.76 (s, 3H), 3.01 (d, J=2.4 Hz, 7H), 2.23-2.16 (m, 1H), 2.12 (dd, J=8.9, 4.8 Hz, 1H), 1.60 (dt, J=8.9, 6.3 Hz, 1H), 1.25 (d, J=6.1 Hz, 3H); LCMS (electrospray) m/z 508.1 (M+H)+.	D
124	 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-fluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		¹ H NMR (400 MHz, DMSO-d ₆) δ 13.19 (br s, 1H), 11.40 (s, 1H), 9.08 (s, 1H), 8.99 (s, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 5.12 - 4.84 (m, 1H), 2.28 - 2.15 (m, 1H), 1.96 - 1.86 (m, 6H), 1.74 - 1.64 (m, 1H), 1.26 - 1.16 (m, 1H); LCMS (electrospray) m/z 449.2 (M+H)+.	D

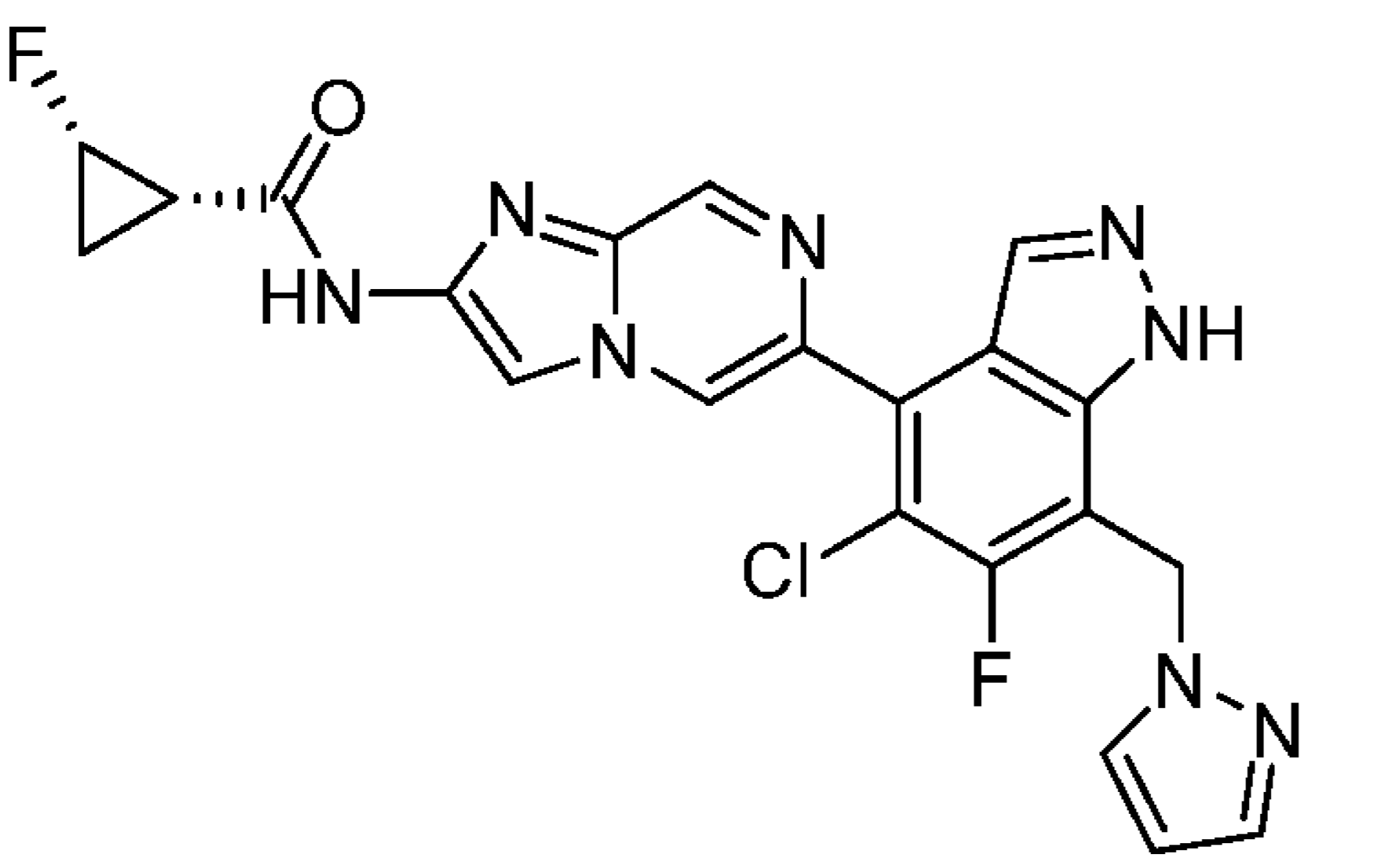
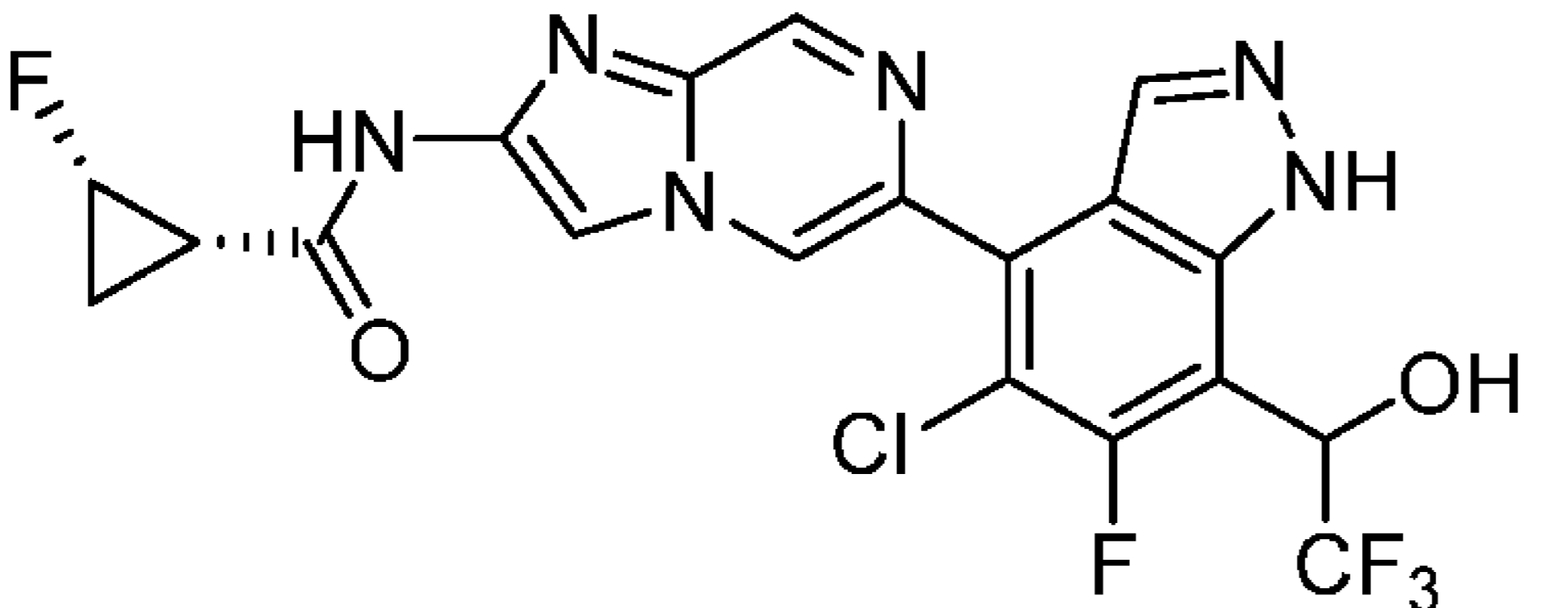
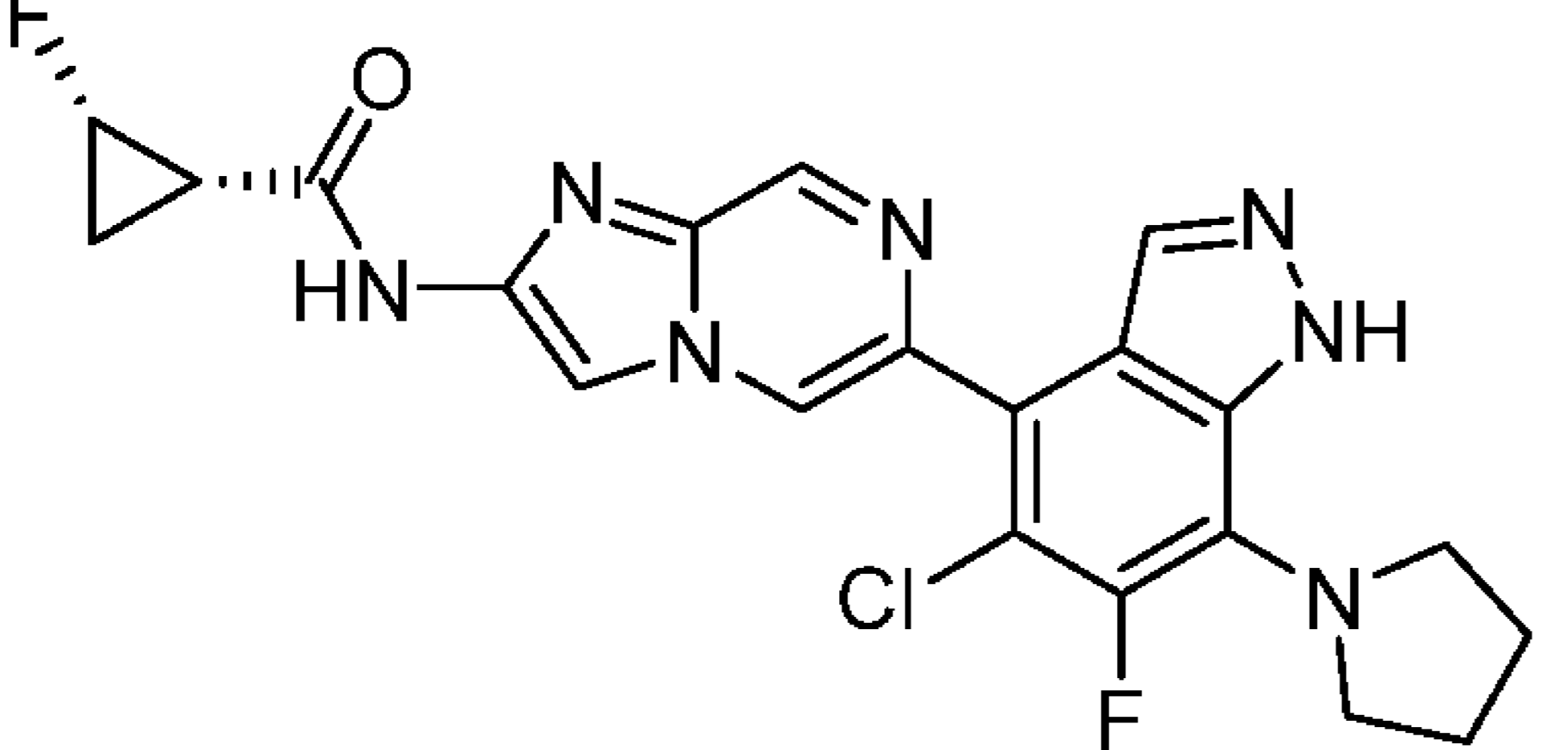
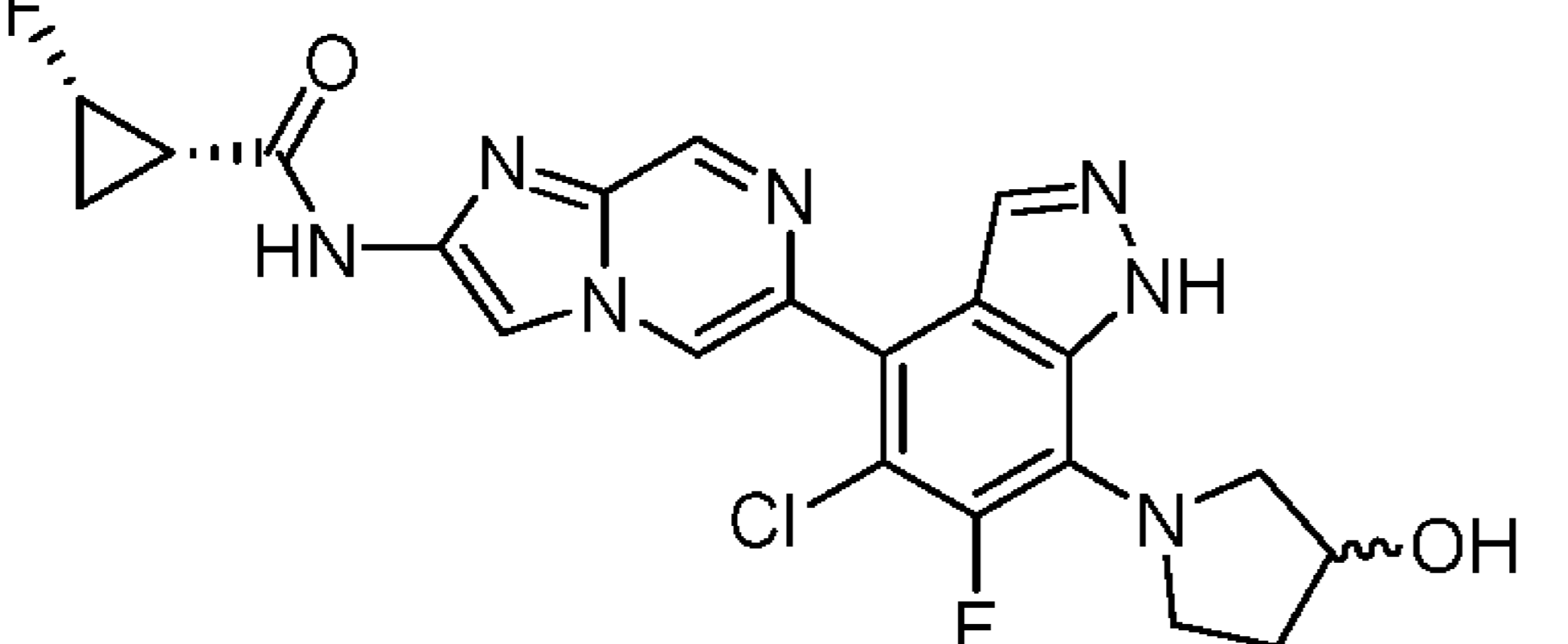
	fluorocyclopropane-1-carboxamide		
125	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclopent-1-en-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.37 (s, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.01 (d, J = 1.1 Hz, 1H), 8.39 (s, 1H), 8.08 (d, J = 1.1 Hz, 1H), 6.42 (t, J = 1.9 Hz, 1H), 5.07-4.86 (m, 1H), 3.01-2.85 (m, 2H), 2.67-2.59 (m, 2H), 2.33-2.16 (m, 1H), 2.09-1.91 (m, 2H), 1.69 (dtd, J = 23.4, 3.6 Hz, 1H), 1.31-1.16 (m, 1H); LCMS (electrospray) m/z 455.10 (M+H) ⁺ .	D
126	 <p>(1S,2S)-N-(6-(7-((1H-imidazol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.97 (s, 1H), 11.42 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.15 (s, 1H), 7.86 (s, 1H), 7.22 (s, 1H), 6.89 (t, 1H), 5.62 (s, 2H), 5.07-4.86 (m, 1H), 2.22-2.15 (m, 1H), 1.72-1.63 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 469.10 (M+H) ⁺ .	D
127	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(morpholinoamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 12.73 (s, 1H), 11.39 (s, 1H), 9.03 (s, 1H), 8.94-8.86 (m, 1H), 8.37 (d, J = 7.7 Hz, 1H), 7.96 (d, J = 2.2 Hz, 1H), 7.32 (d, J = 2.7 Hz, 1H), 5.13-4.81 (m, 1H), 3.95-3.72 (m, 4H), 2.97-2.78 (m, 4H), 2.24-2.13 (m, 1H), 1.75-1.62 (m, 1H), 1.27-1.18 (m, 1H); LCMS (electrospray) m/z 489.10 (M+H) ⁺ .	D
128	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropoxy-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.26 (s, 1H), 11.39 (s, 1H), 9.05 (s, 1H), 8.98 (d, J = 1.4 Hz, 1H), 8.37 (s, 1H), 8.06 (s, 1H), 5.09 - 4.83 (m, 1H), 4.75 (br s, 1H), 4.68 - 4.66 (m, 1H), 2.24 - 2.13 (m, 1H), 2.07 (s, 1H), 1.79 - 1.59 (m, 1H), 1.37 (d, J = 6.1 Hz, 6H), 1.26 - 1.12 (m, 1H); LCMS (electrospray) m/z 447.0 (M+H) ⁺ .	D

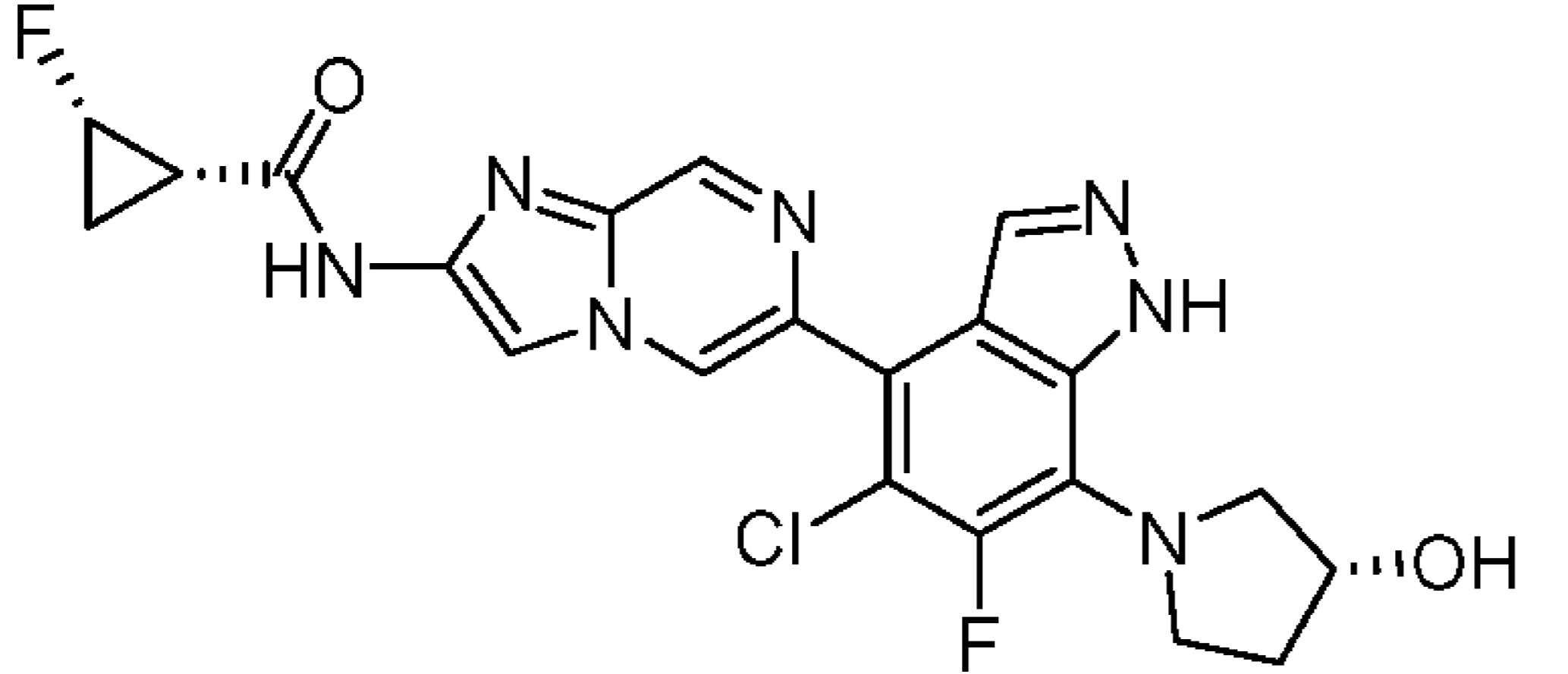
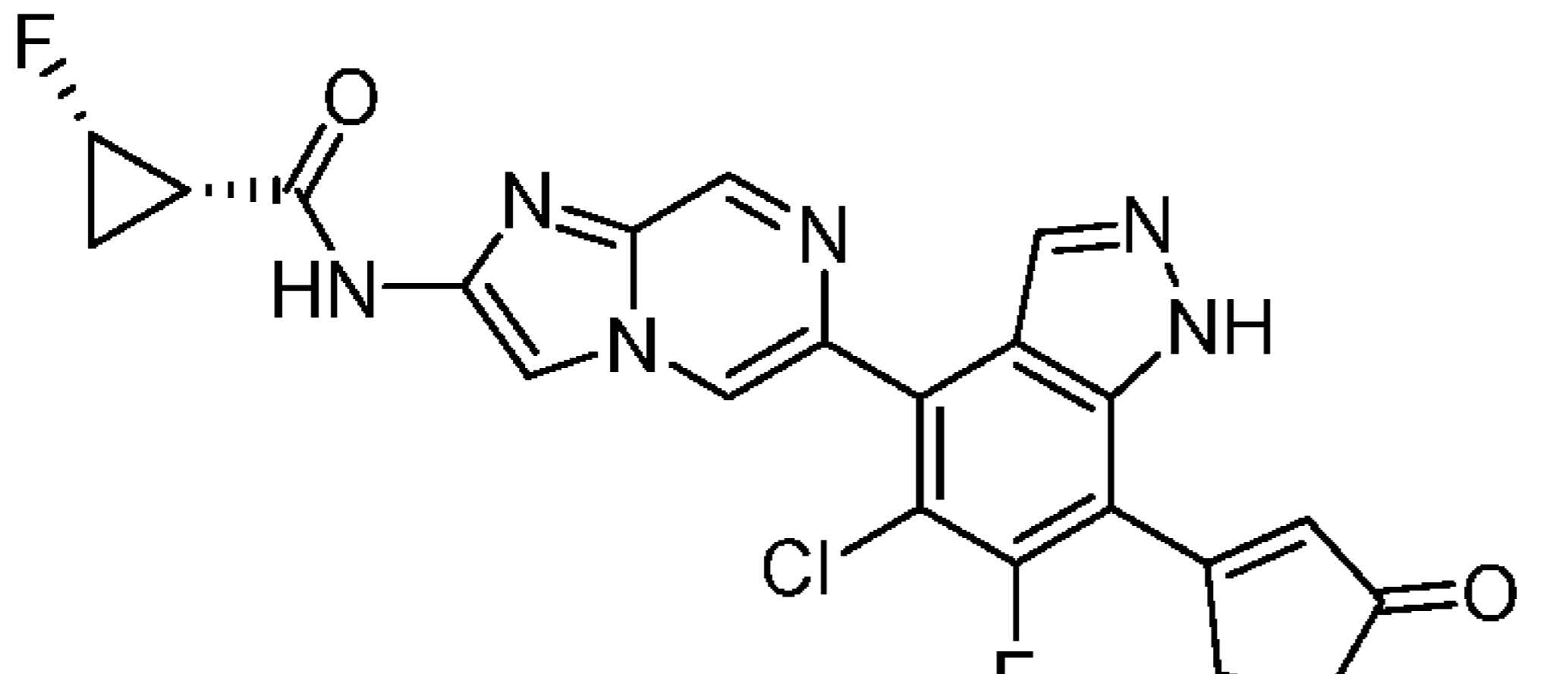
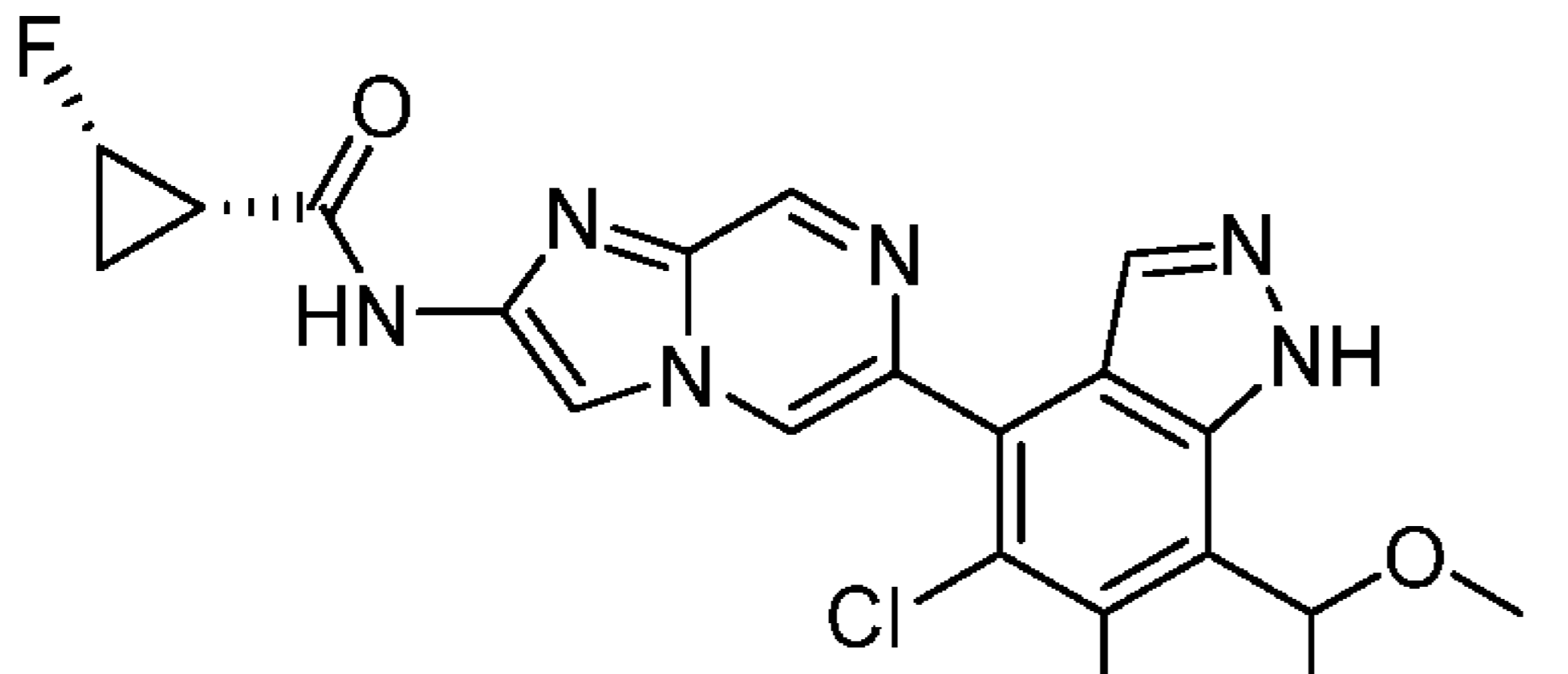
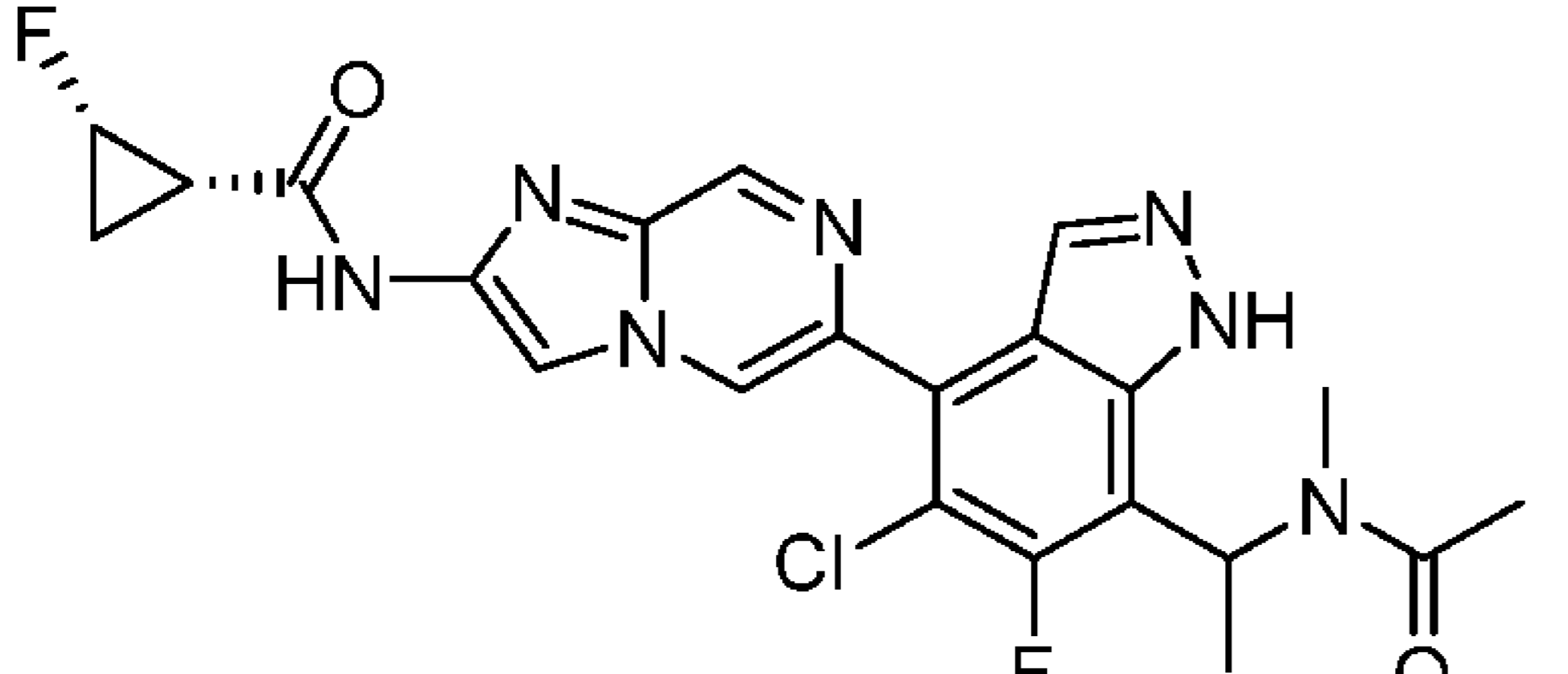
129	 <p>(1S,2S)-N-(6-(7-(2-amino-2-oxoethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.55 (s, 1H), 11.39 (s, 1H), 9.08 (s, 1H), 9.00 (d, J=1.4 Hz, 1H), 8.40 (s, 1H), 8.04 (s, 1H), 7.66 (br s, 1H), 7.15 (br s, 1H), 5.07 - 4.84 (m, 1H), 3.89 (s, 2H), 2.24 - 2.15 (m, 1H), 1.78 - 1.63 (m, 1H), 1.24 - 1.17 (m, 1H); LCMS (electrospray) m/z 446.2 (M+H) ⁺ .	D
130	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methylprop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.41 (s, 1H), 11.41 (s, 1H), 9.08 (d, J = 0.6 Hz, 1H), 9.03 (d, J = 1.5 Hz, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 6.31 (d, J = 1.1 Hz, 1H), 5.12 - 4.80 (m, 1H), 2.24 - 2.15 (m, 1H), 2.04 (s, 3H), 1.74 - 1.65 (m, 4H), 1.26 - 1.17 (m, 2H); LCMS (electrospray) m/z 443.2 (M+H) ⁺ .	D
131	 <p>(1S,2S)-N-(6-(5-chloro-7-((2,2-difluoroethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.09 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.90 (d, J = 1.2 Hz, 1H), 8.45 (br s, 1H), 8.35 (s, 1H), 8.05 (br s, 1H), 6.44 - 6.00 (m, 2H), 5.10 - 4.80 (m, 1H), 4.12 - 3.79 (m, 2H), 2.23 - 2.14 (m, 1H), 2.07 (s, 1H), 1.75 - 1.62 (m, 1H), 1.26 - 1.14 (m, 1H); LCMS (electrospray) m/z 468.3 (M+H) ⁺ .	D
132	 <p>(1S,2S)-N-(6-(7-(2-bromo-2-fluorocyclopropyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 14.08 (s, 1H), 11.44 - 11.37 (m, 1H), 9.34 (s, 1H), 9.07 (s, 1H), 9.05 - 9.00 (m, 1H), 8.73 (s, 1H), 8.45 (s, 1H), 8.41 - 8.36 (m, 1H), 8.13 (s, 1H), 7.59 (d, J = 12.1 Hz, 1H), 5.16 - 4.71 (m, 1H), 2.27 - 2.04 (m, 3H), 1.77 - 1.60 (m, 1H), 1.29 - 1.13 (m, 2H); LCMS (electrospray) m/z 527.3 (M+H) ⁺ .	D

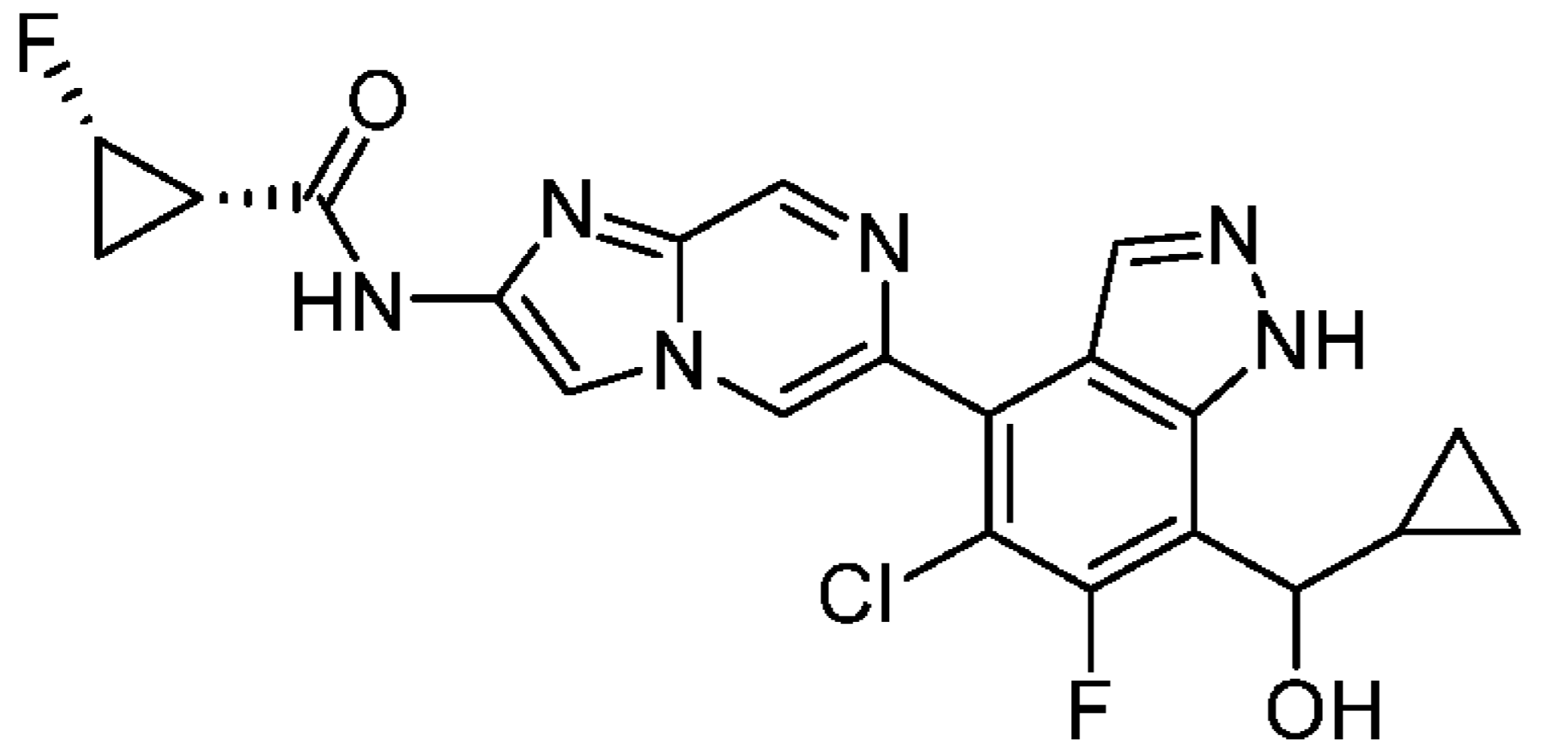
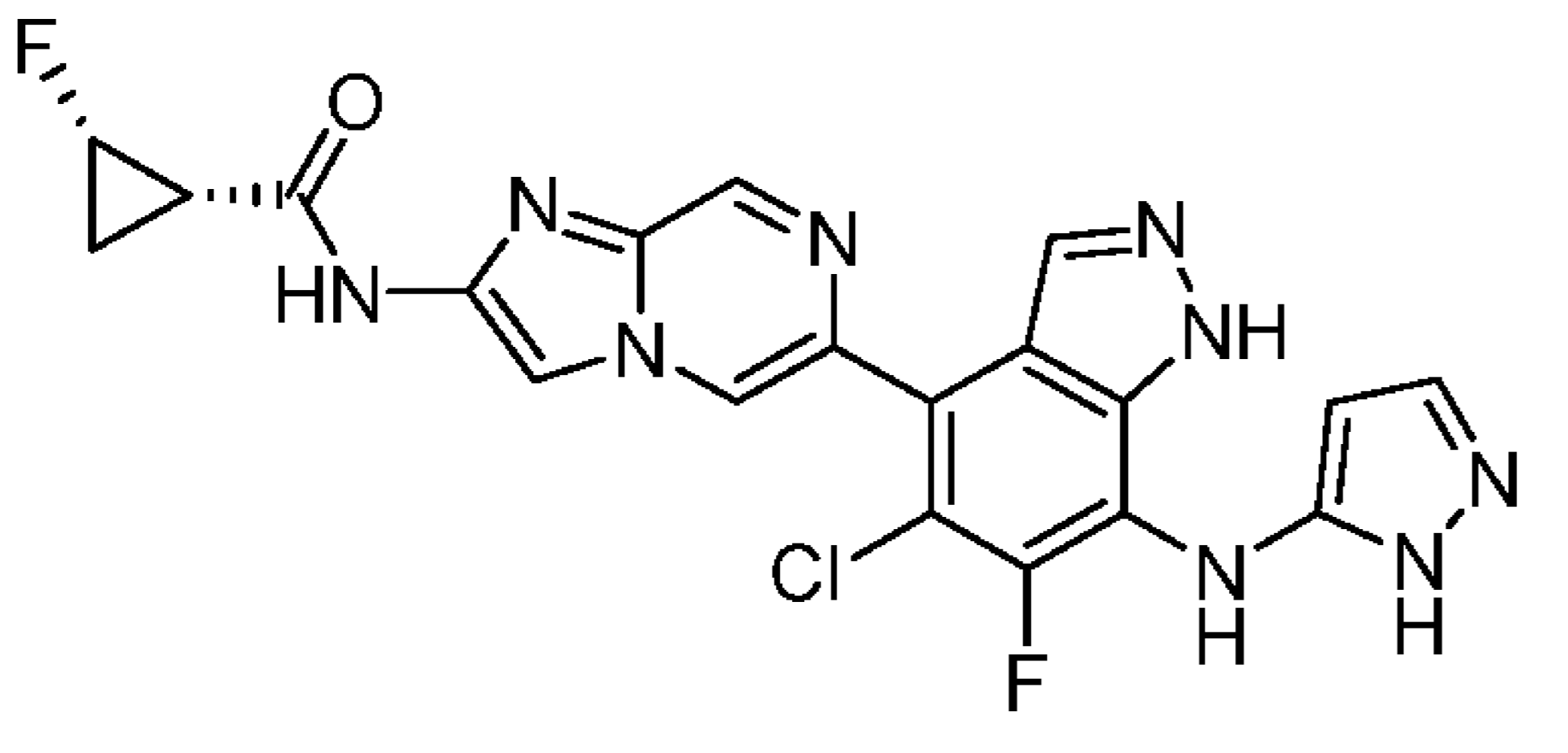
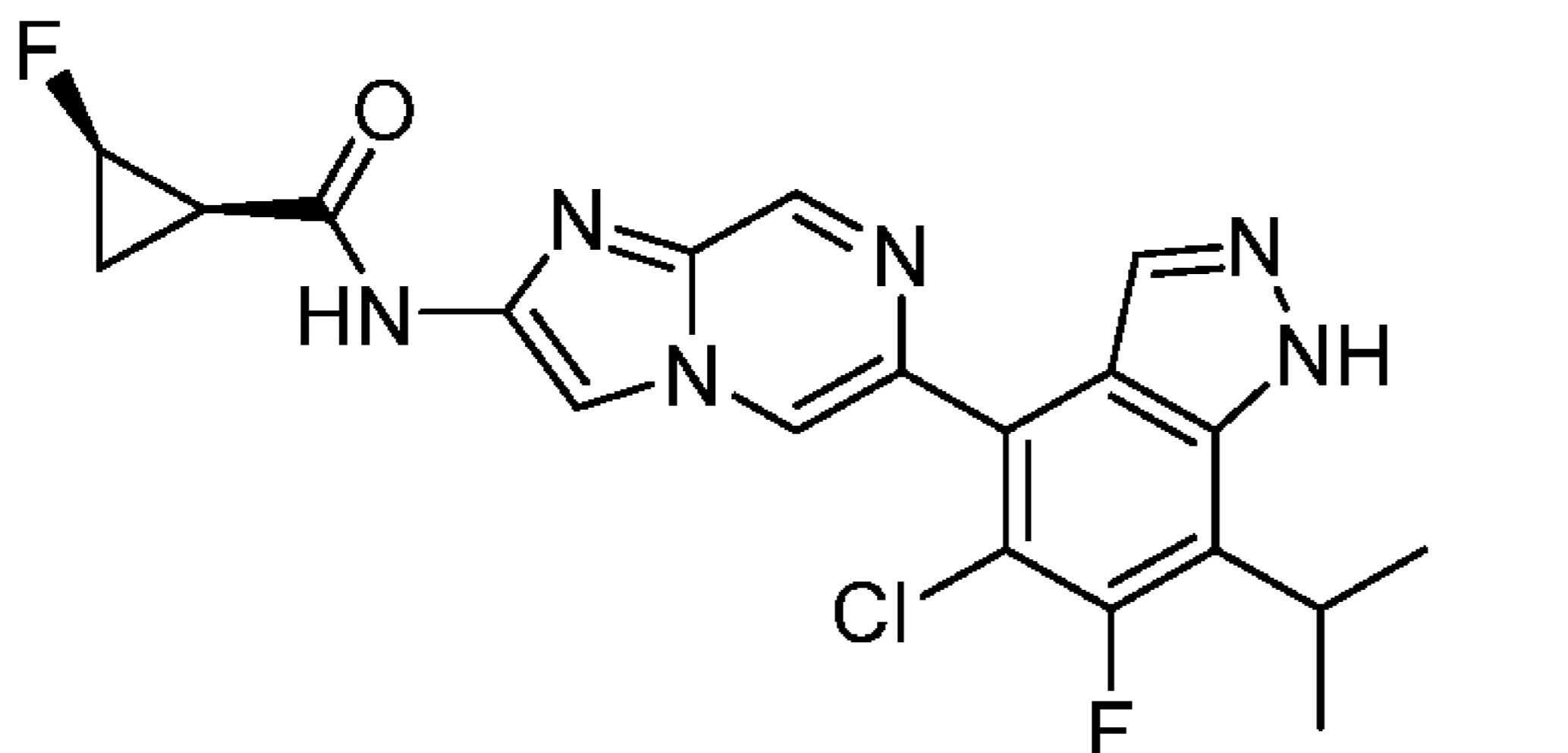
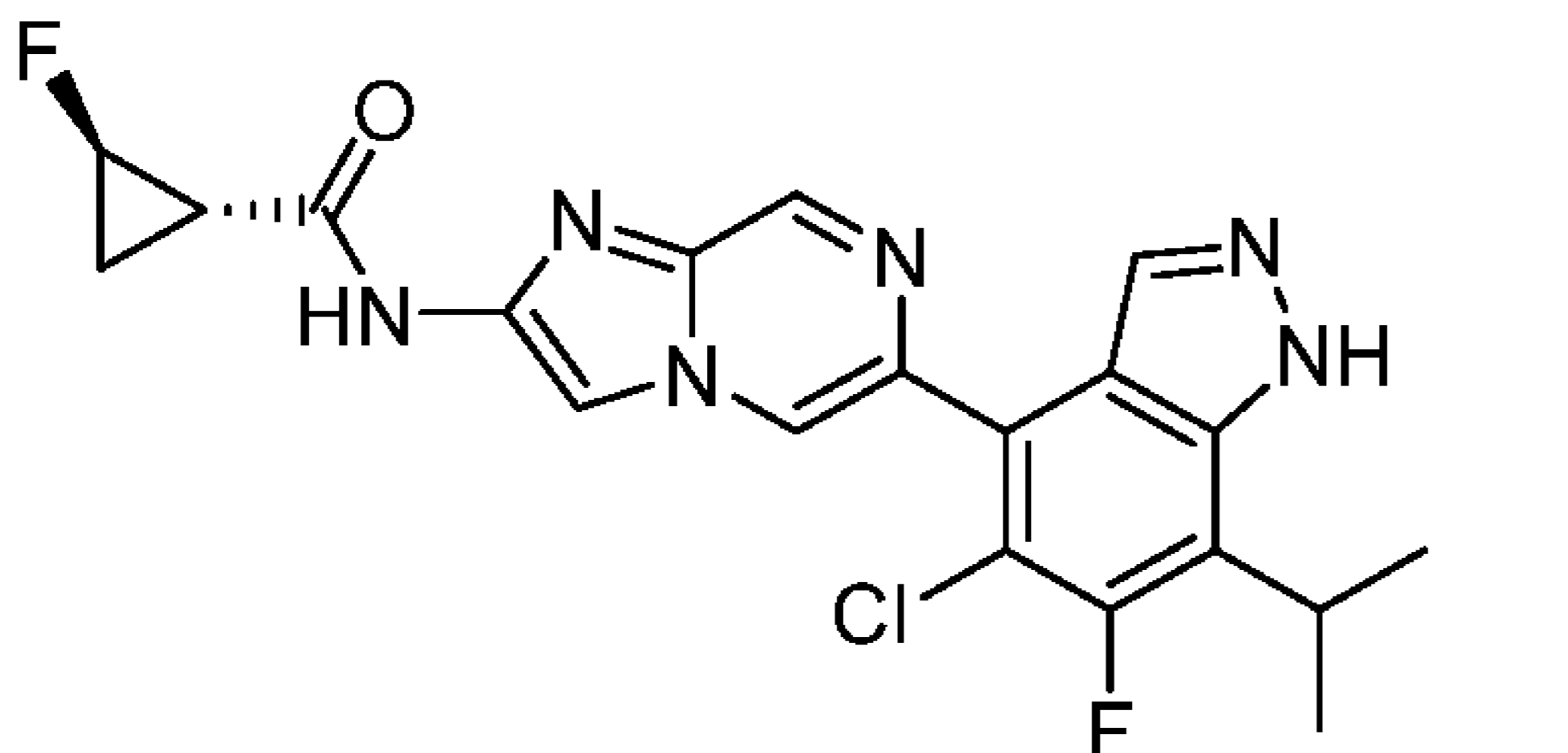
133	 <p>(1S,2S)-N-(6-(7-(allylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.01 (s, 1 H) 11.24 - 11.49 (m, 1 H) 8.97 - 9.11 (m, 1 H) 8.90 (s, 1 H) 8.29 - 8.43 (m, 1 H) 7.90 - 8.06 (m, 1 H) 5.88 - 6.08 (m, 2 H) 5.21 (br d, J=16.94 Hz, 1 H) 5.07 - 5.14 (m, 1 H) 4.85 - 5.07 (m, 1 H) 4.02 - 4.28 (m, 2 H) 2.11 - 2.26 (m, 1 H) 1.54 - 1.79 (m, 1 H) 1.13 - 1.25 (m, 1 H); LCMS (electrospray) m/z 444.0 (M+H) ⁺ .	D
134	 <p>(1S,2S)-N-(6-(5-chloro-7-cyclopentyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.48 (s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (dd, J = 13.5, 1.4 Hz, 1H), 8.45-8.38 (m, 1H), 8.07-8.03 (m, 1H), 5.07-4.86 (m, 1H), 3.62 (t, J = 8.2 Hz, 1H), 2.23-2.16 (m, 1H), 2.07-1.91 (m, 6H), 1.73-1.64 (m, 3H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 455.10 (M+H) ⁺ .	D
135	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methylpiperazin-1-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H MR (400MHz, DMSO-d ₆) δ 12.54 (s, 1H), 11.38 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 1.6 Hz, 1H), 8.35 (s, 1H), 7.94 (d, J = 1.6 Hz, 1H), 7.20 (s, 1H), 5.09-4.83 (m, 1H), 2.88 (m, 4H), 2.57 (m, 4H), 2.29-2.11 (m, 4H), 1.76-1.60 (m, 1H), 1.21-1.18 (m, 1H); LCMS (electrospray) m/z 502.20 (M+H) ⁺ .	D
136	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-fluoroethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.49 (s, 1H), 11.36 (s, 1H), 9.02 (d, J = 0.6 Hz, 1H), 8.90 (d, J = 1.4 Hz, 1H), 8.35 (s, 1H), 8.01 (br d, J = 2.5 Hz, 1H), 5.93 (br s, 1H), 5.10 - 4.80 (m, 1H), 4.68 (t, J = 4.8 Hz, 1H), 4.56 (t, J = 4.9 Hz, 1H), 4.01 - 3.66 (m, 2H), 2.25 - 2.13 (m, 1H), 1.75 - 1.61 (m, 1H), 1.20 (tdd, J = 6.3, 9.1, 12.4 Hz, 1H); LCMS (electrospray) m/z 450.3 (M+H) ⁺ .	D

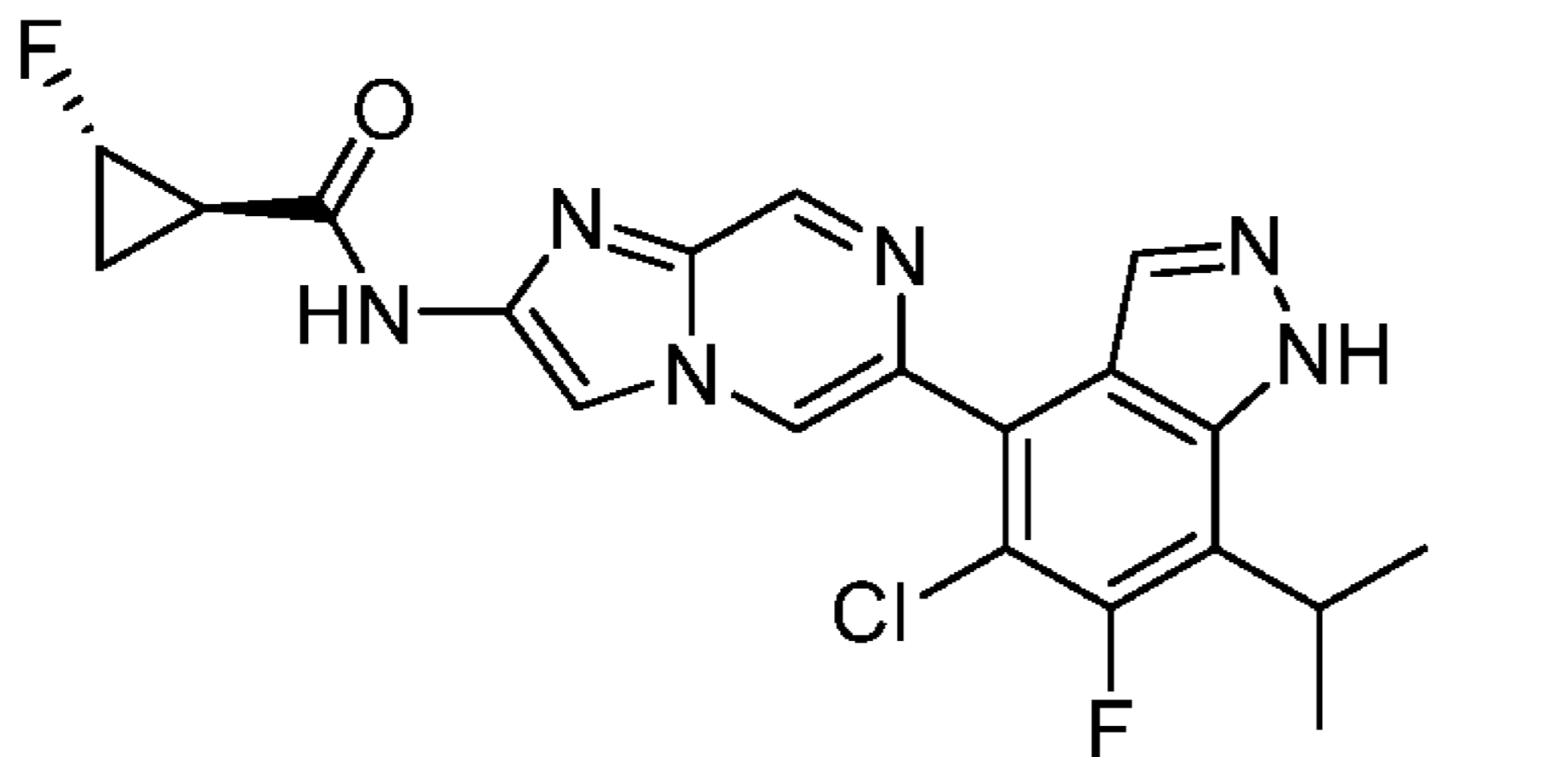
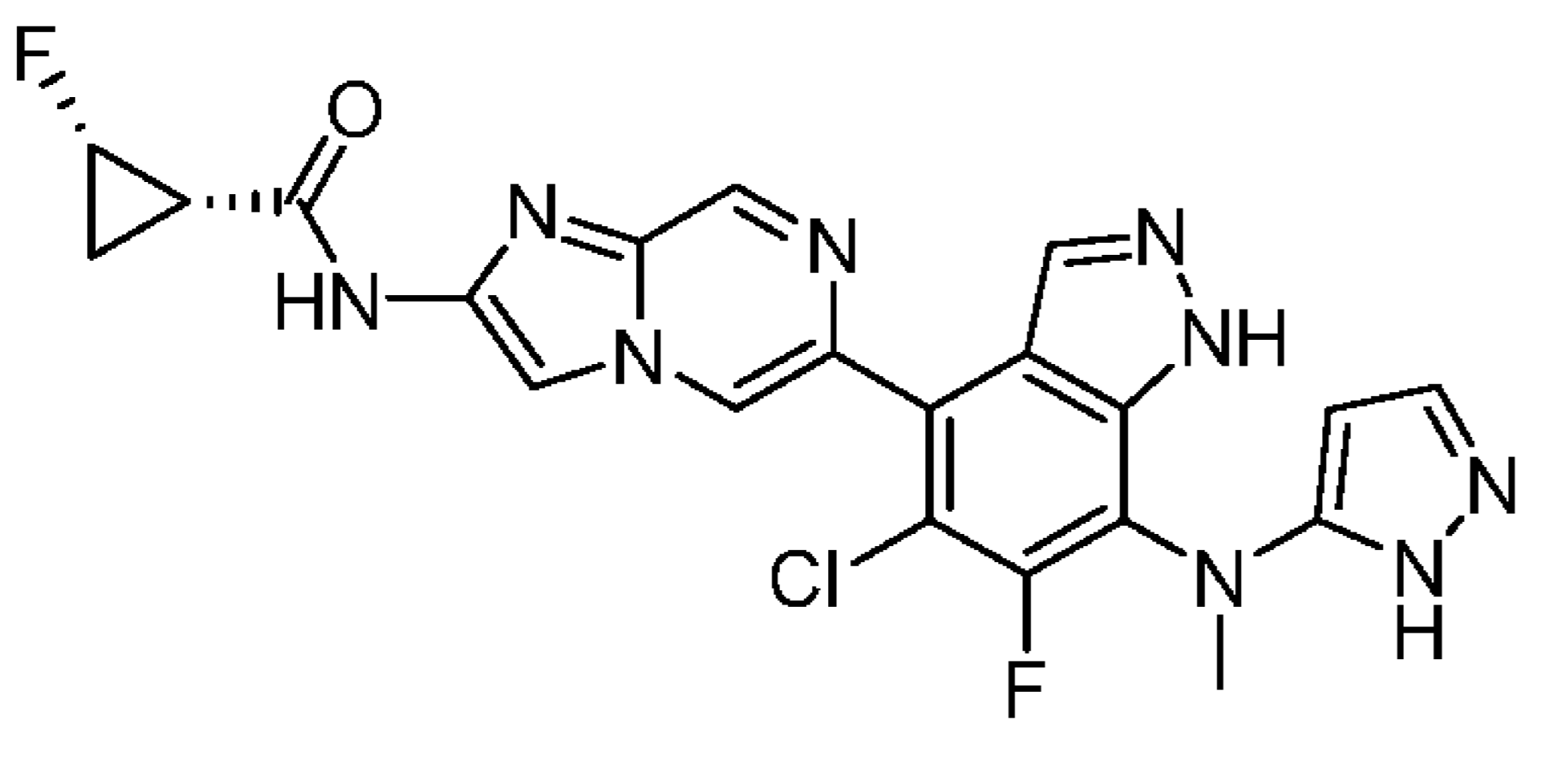
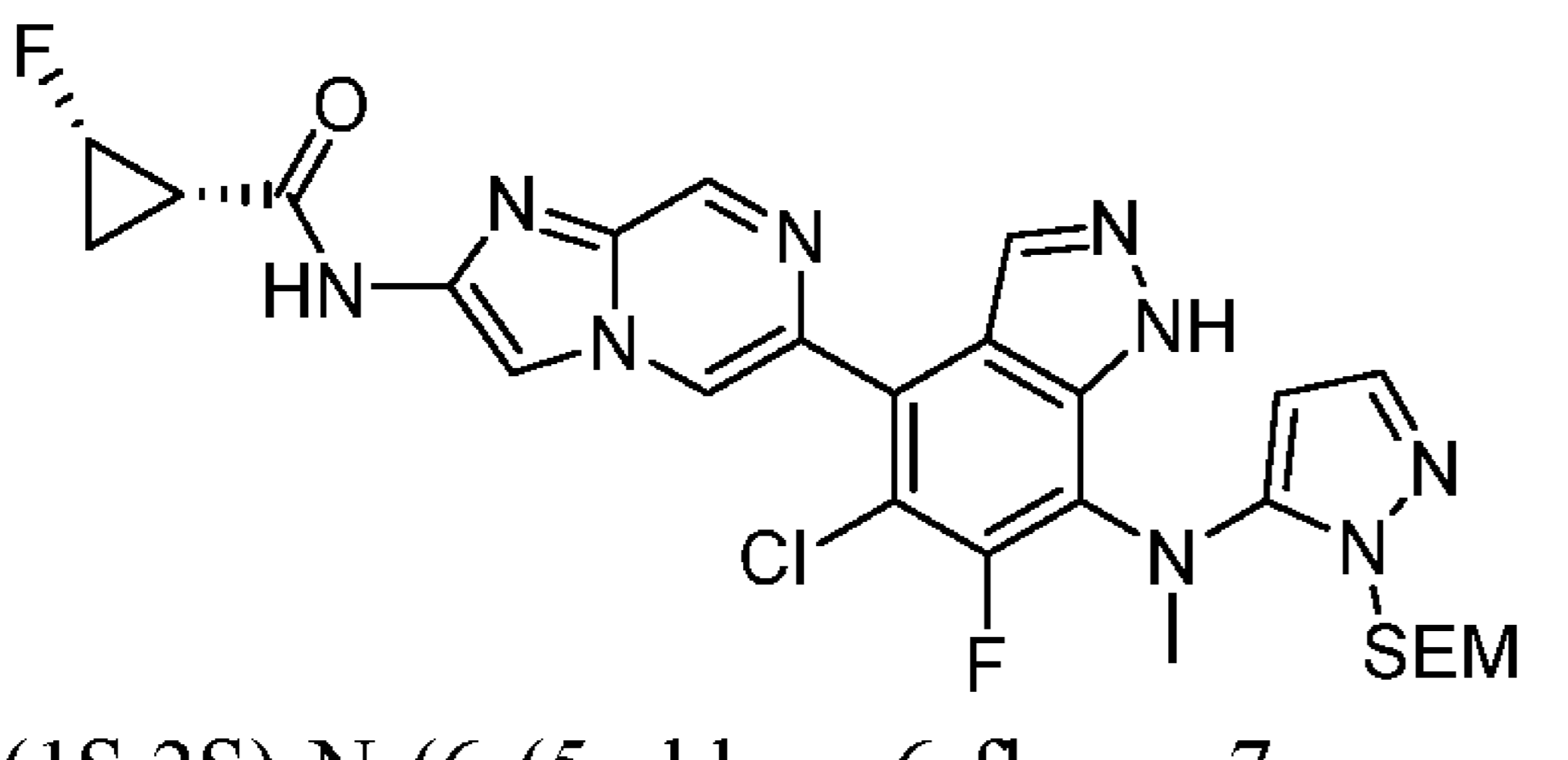
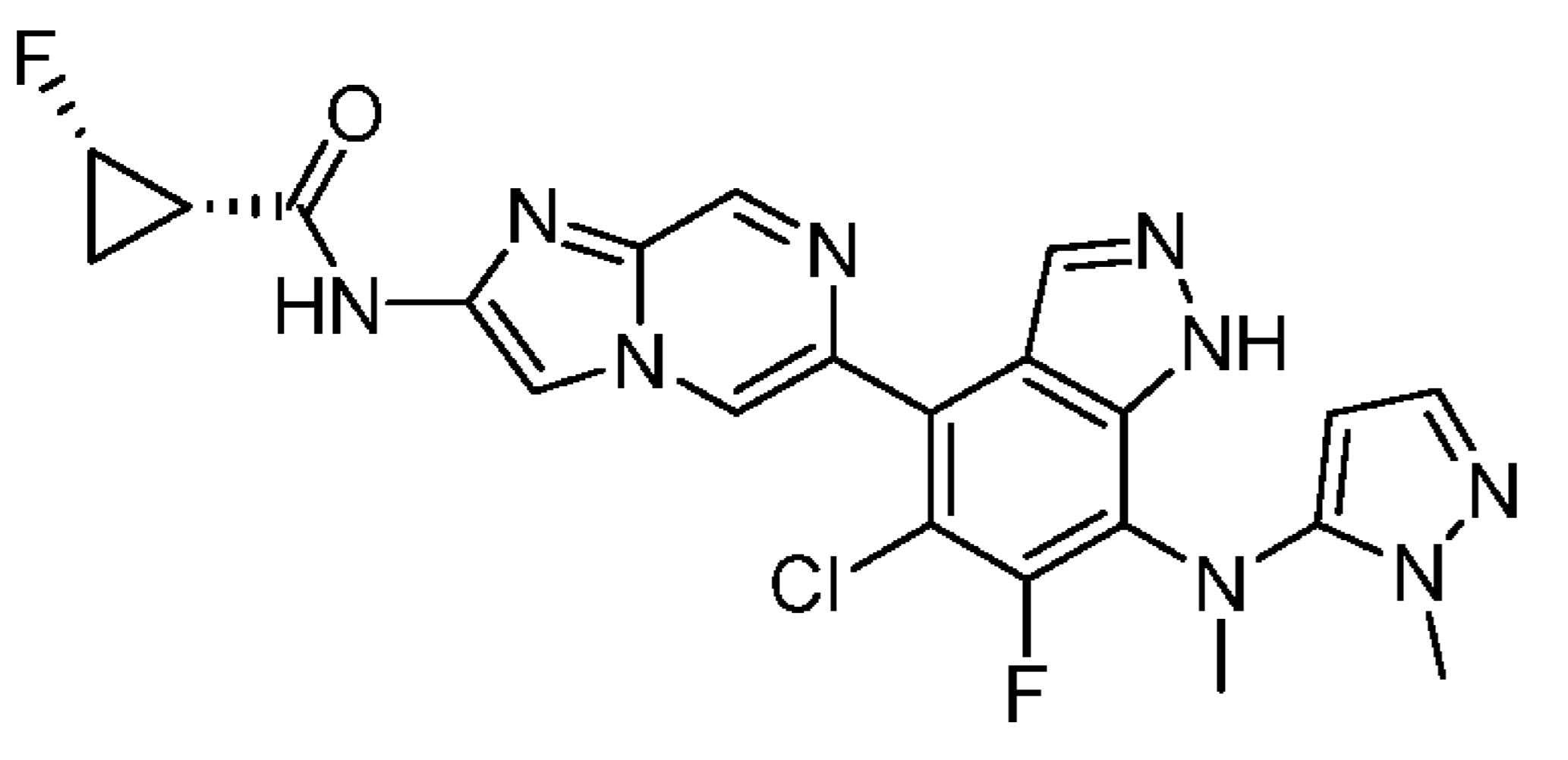
137	 <p>(1S,2S)-N-(6-(5-chloro-7-((1,3-dihydroxy-2-methylpropan-2-yl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.98 (s, 1H), 11.38 (s, 1H), 9.11 - 9.02 (m, 1H), 8.96 (d, J = 1.5 Hz, 1H), 8.36 (s, 1H), 8.00 (br s, 1H), 5.28 - 4.82 (m, 3H), 4.51 (br s, 1H), 3.56 - 3.45 (m, 4H), 2.19 (td, J = 7.0, 13.9 Hz, 1H), 1.74 - 1.62 (m, 1H), 1.30 - 1.11 (m, 2H), 1.06 (br s, 3H); LCMS (electrospray) m/z 492.2 (M+H) ⁺ .	D
138	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.34 (br s, 1H), 11.36 (s, 1H), 9.28 (d, J=1.3 Hz, 1H), 9.05 (s, 1H), 8.66 (s, 1H), 8.38 (s, 1H), 7.51 (d, J=12.7 Hz, 1H), 5.08 - 4.85 (m, 1H), 3.64 - 3.53 (m, 1H), 2.19 (td, J=6.9, 13.8 Hz, 1H), 1.77 - 1.63 (m, 1H), 1.43 (d, J=7.0 Hz, 6H), 1.23 - 1.14 (m, 1H); LCMS (electrospray) m/z 397.2 (M+H) ⁺ .	D
139	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-methyl-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.19 (br s, 1H), 11.39 (s, 1H), 9.06 (s, 1H), 8.99 (d, J=1.1 Hz, 1H), 8.49 (s, 1H), 8.38 (s, 1H), 8.28 (br s, 1H), 8.04 (br s, 1H), 7.24 (d, J=1.9 Hz, 1H), 5.45 (br s, 1H), 5.10 - 4.83 (m, 1H), 3.79 (s, 3H), 2.19 (td, J=6.9, 13.8 Hz, 1H), 1.77 - 1.61 (m, 1H), 1.21 (tdd, J=6.2, 9.0, 12.3 Hz, 1H); LCMS (electrospray) m/z 484.1 (M+H) ⁺ .	D
140	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-hydroxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.30 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.90 (s, 1H), 8.35 (s, 1H), 7.95 (s, 1H), 5.26 - 5.18 (m, 1H), 5.10-5.00 (m, 1H), 4.90-4.84 (m, 1H), 4.78-4.71 (m, 1H), 4.04-3.94 (m, 1H), 3.66-3.54 (m, 3H), 2.23-2.15 (m, 2H), 1.85-1.75 (m, 1H), 1.73-1.63 (m, 3H), 1.22 (d, J=6.2 Hz, 4H); LCMS (electrospray) m/z 476.1 (M+H) ⁺ .	D

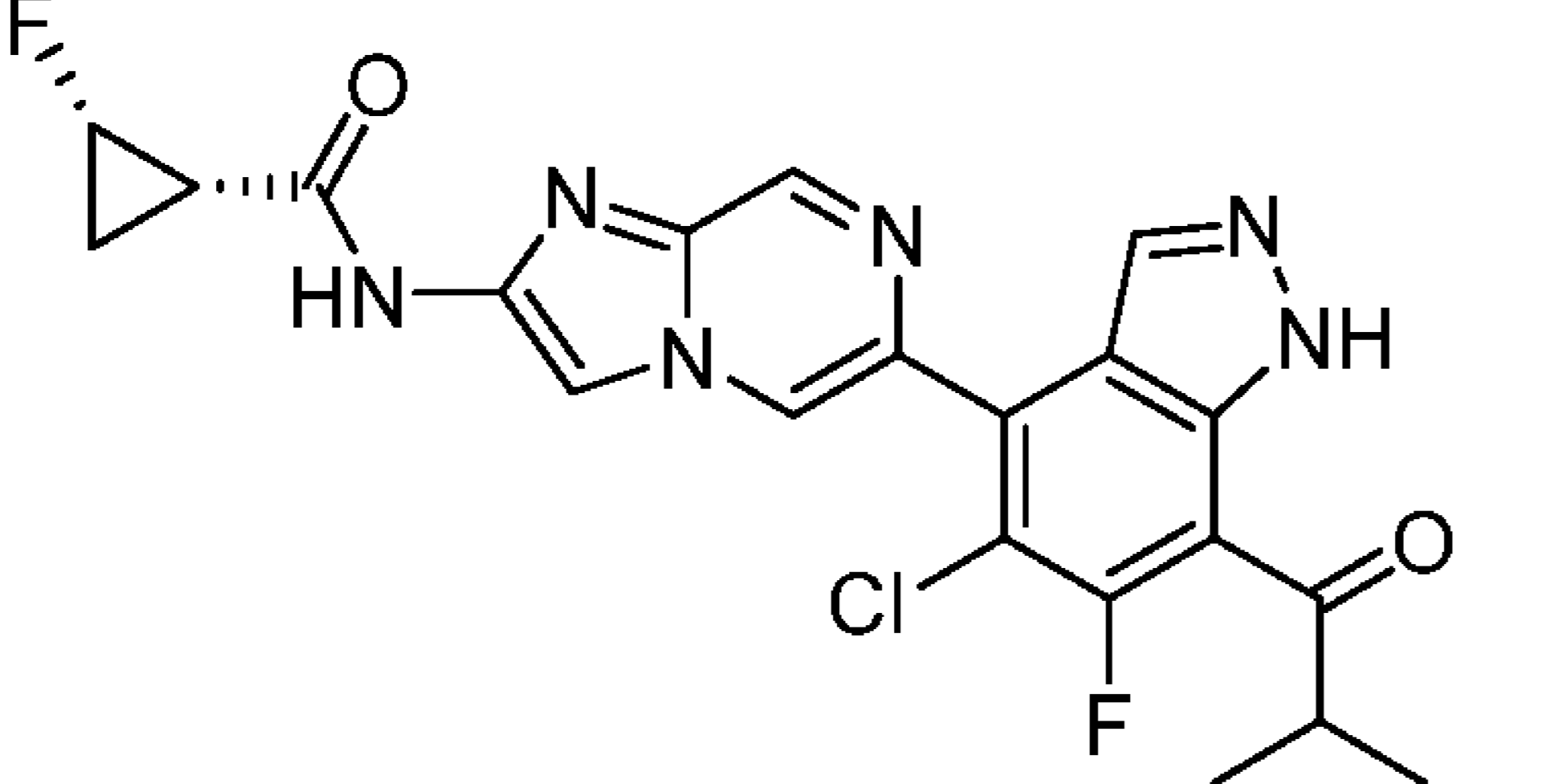
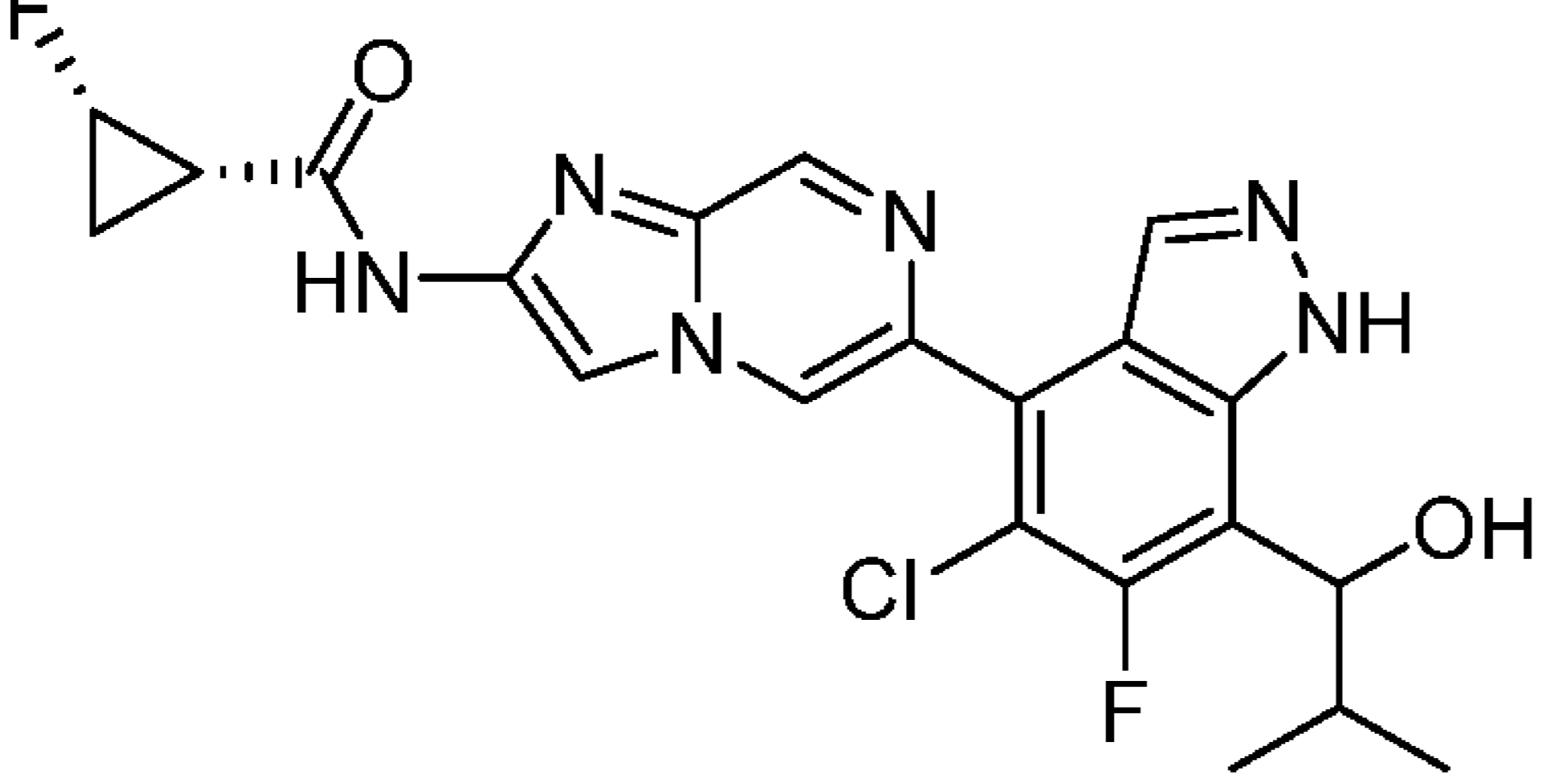
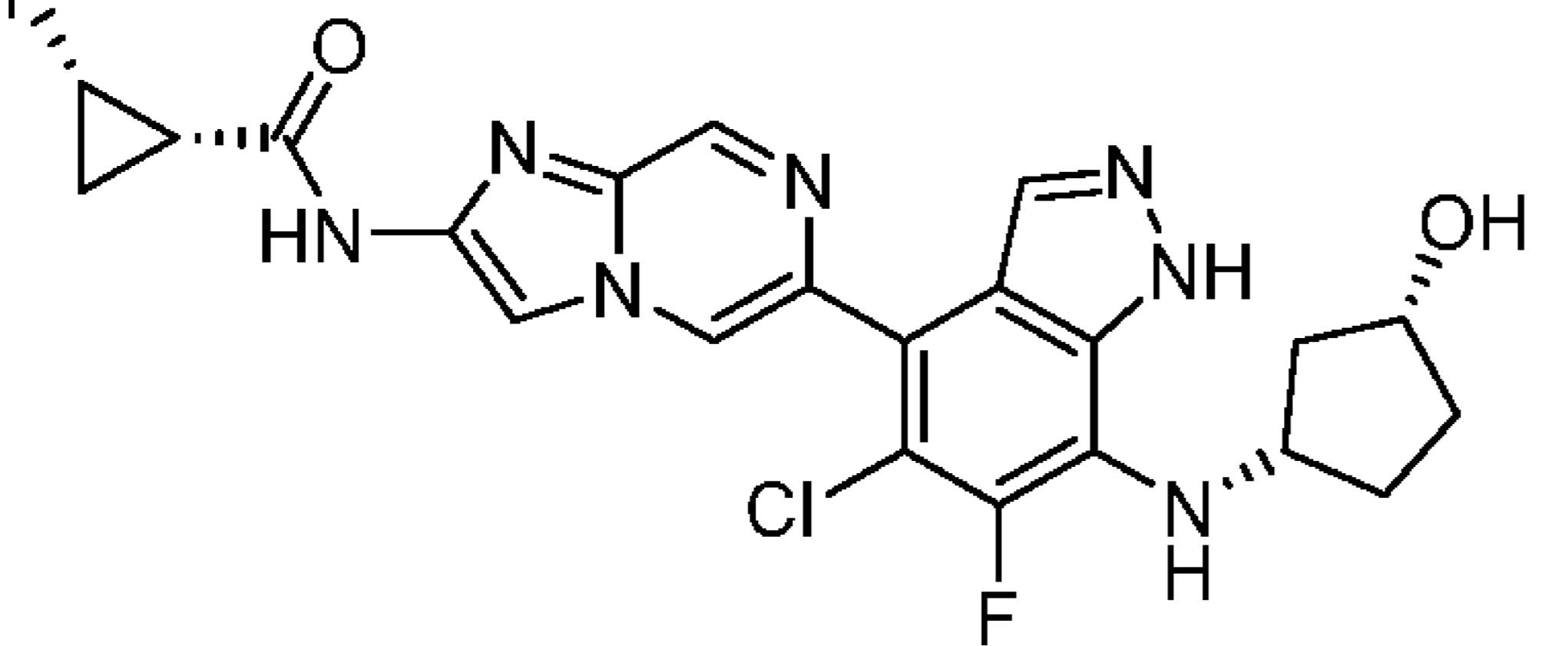
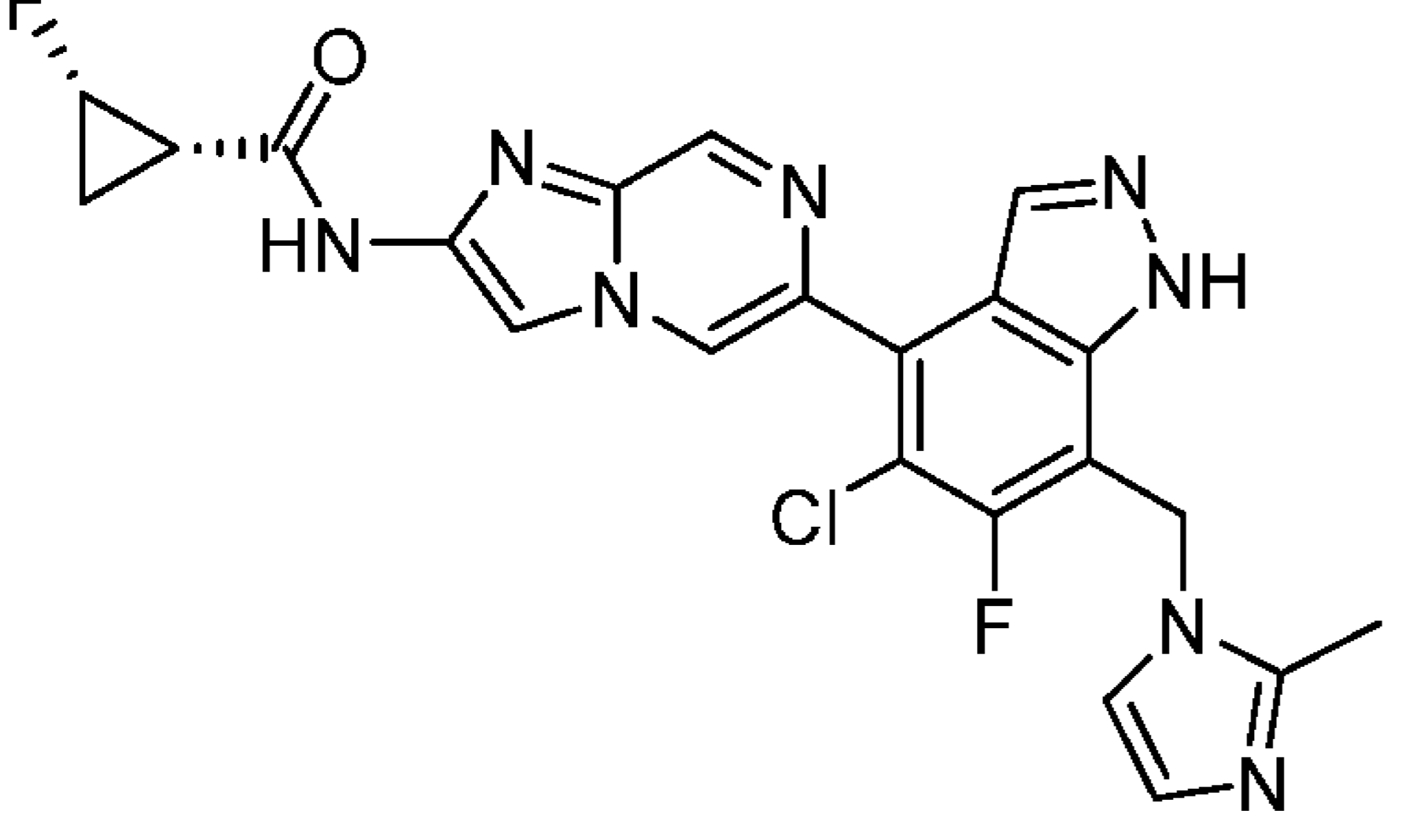
141	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 2 formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.33 - 13.64 (m, 1H), 11.33 - 11.43 (m, 1H), 9.00 - 9.07 (m, 1H), 8.81 - 8.89 (m, 1H), 8.43 - 8.43 (m, 1H), 8.40 - 8.46 (m, 3H), 8.34 - 8.38 (m, 1H), 7.91 - 8.00 (m, 1H), 5.13-4.97 (m, 1H), 4.91- 4.84 (m, 1H), 2.28 - 2.25 (m, 3H), 2.23 - 2.14 (m, 1H) 1.77 - 1.62 (m, 1H), 1.50 - 1.41 (m, 6H), 1.12 - 1.00 (m, 1H); LCMS (electrospray) m/z 443.1 (M+H) ⁺ .	D
142	 <p>(1S,2R,3S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.80 (s, 1H), 11.28 (s, 1 H), 9.06 (s, 1 H), 8.97 (d, J=1.3 Hz, 1H), 8.37 (s, 1H), 8.04 (s, 1H), 7.54 (s, 1H), 7.29 (s, 1H), 3.80 (s, 3H), 2.33 (dd, J=5.3, 3.8 Hz, 1H), 2.02 (t, J=4.7 Hz, 1H), 1.72-1.57 (m, 2H), 1.45 (d, J=6.9 Hz, 7H), 0.97 (d, J=6.2 Hz, 3H); LCMS (electrospray) m/z 507.1 (M+H) ⁺ .	D
143	 <p>(1S,2S,3S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.74 (s, 1H), 11.26 (s, 1H), 9.05 (s, 1H), 8.95 (d, J=1.3 Hz, 1H), 8.40 (s, 1H), 8.04 (s, 1H), 7.53 (s, 1H), 7.26 (s, 1H), 3.76 (s, 3H), 3.67-3.62 (m, 1H), 2.23 - 2.16 (m, 1 H), 2.13 (dd, J=8.9, 4.7 Hz, 1H), 1.60 (dt, J=8.9, 6.2 Hz, 1H), 1.45 (d, J=7.0 Hz, 6H), 1.30 - 1.21 (m, 3H); LCMS (electrospray) m/z 507.1 (M+H) ⁺ .	D
144	 <p>(1S,2S)-N-(6-(7-((1H-pyrrol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.86 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.37 (s, 1H), 8.11 (s, 1H), 6.93 (t, 2H), 6.00 (t, J = 2.2 Hz, 2H), 5.51 (s, 2H), 5.05-4.88 (m, 1H), 2.21-2.21 (m, 1H), 1.72-1.66 (m, 1H), 1.18-1.18 (m, 1H); LCMS (electrospray) m/z 468.10 (M+H) ⁺ .	D

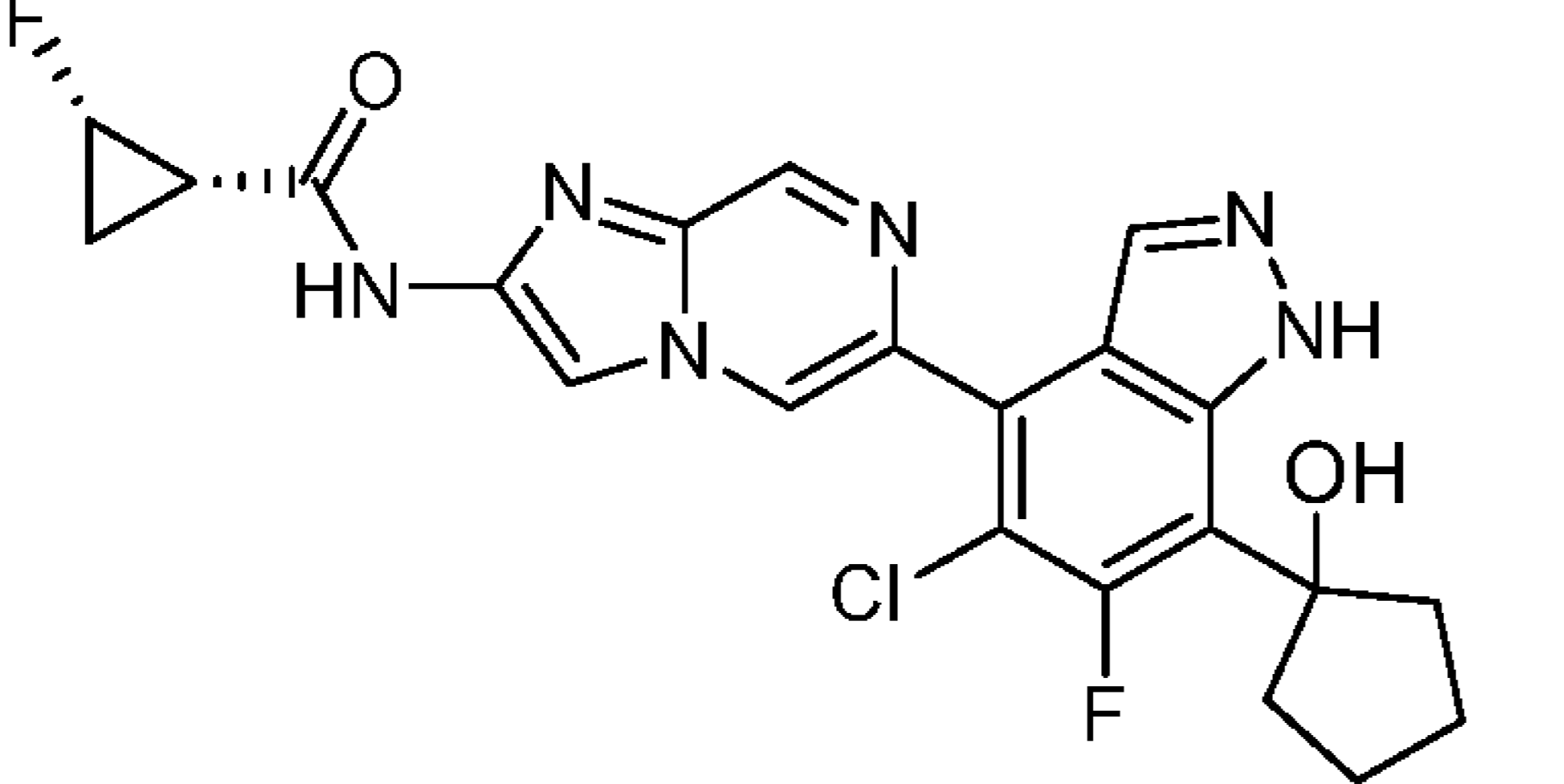
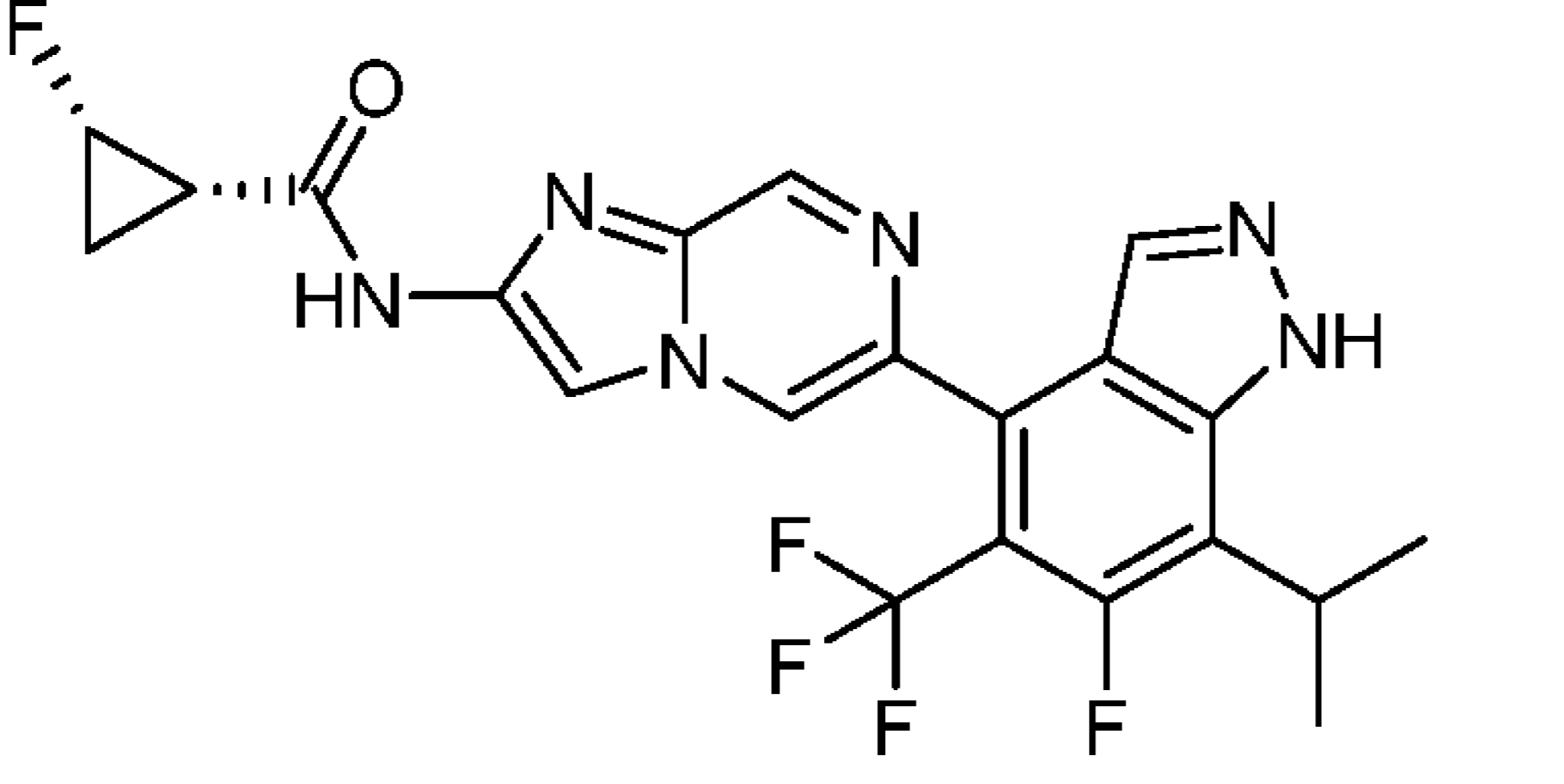
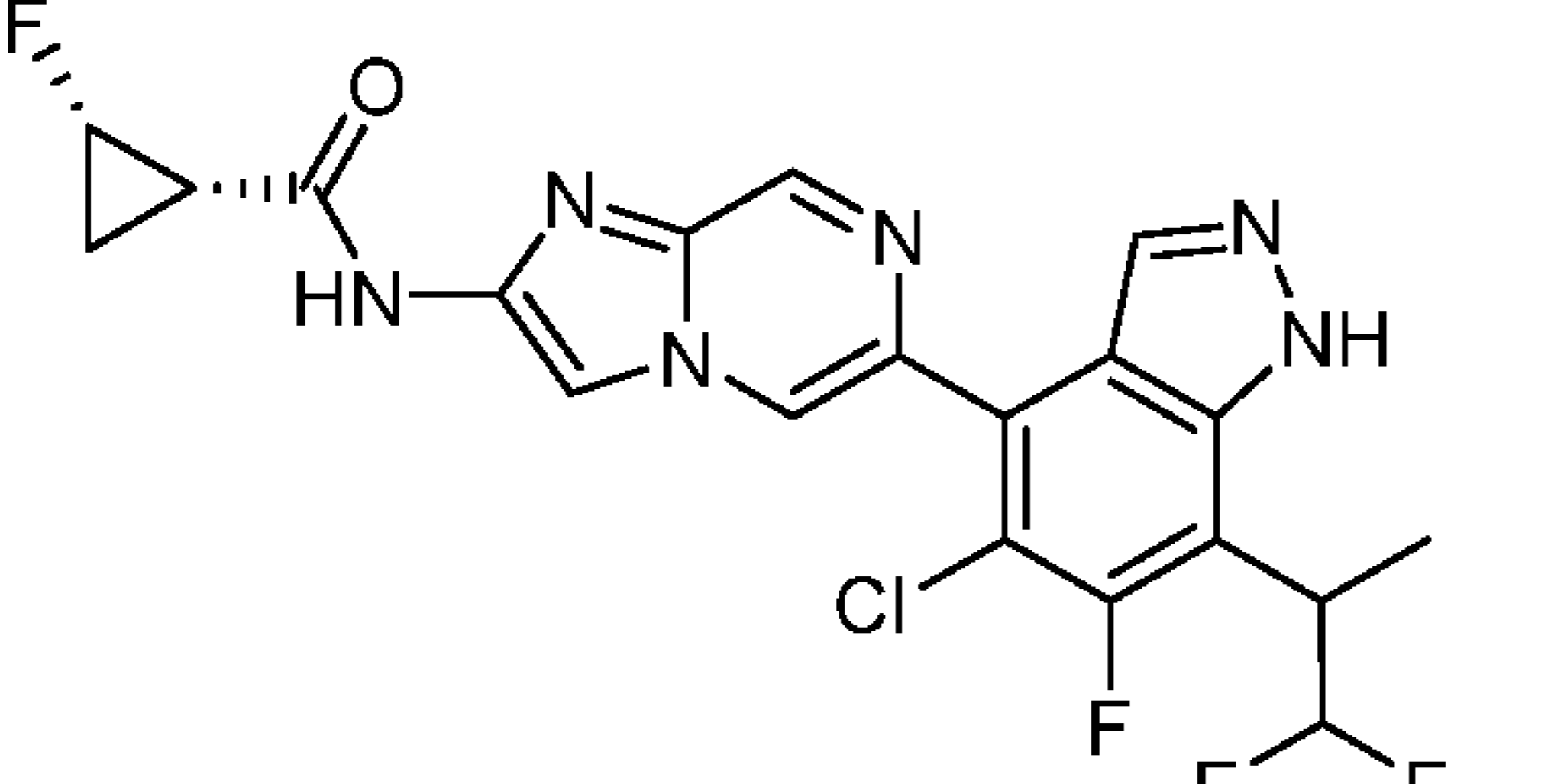
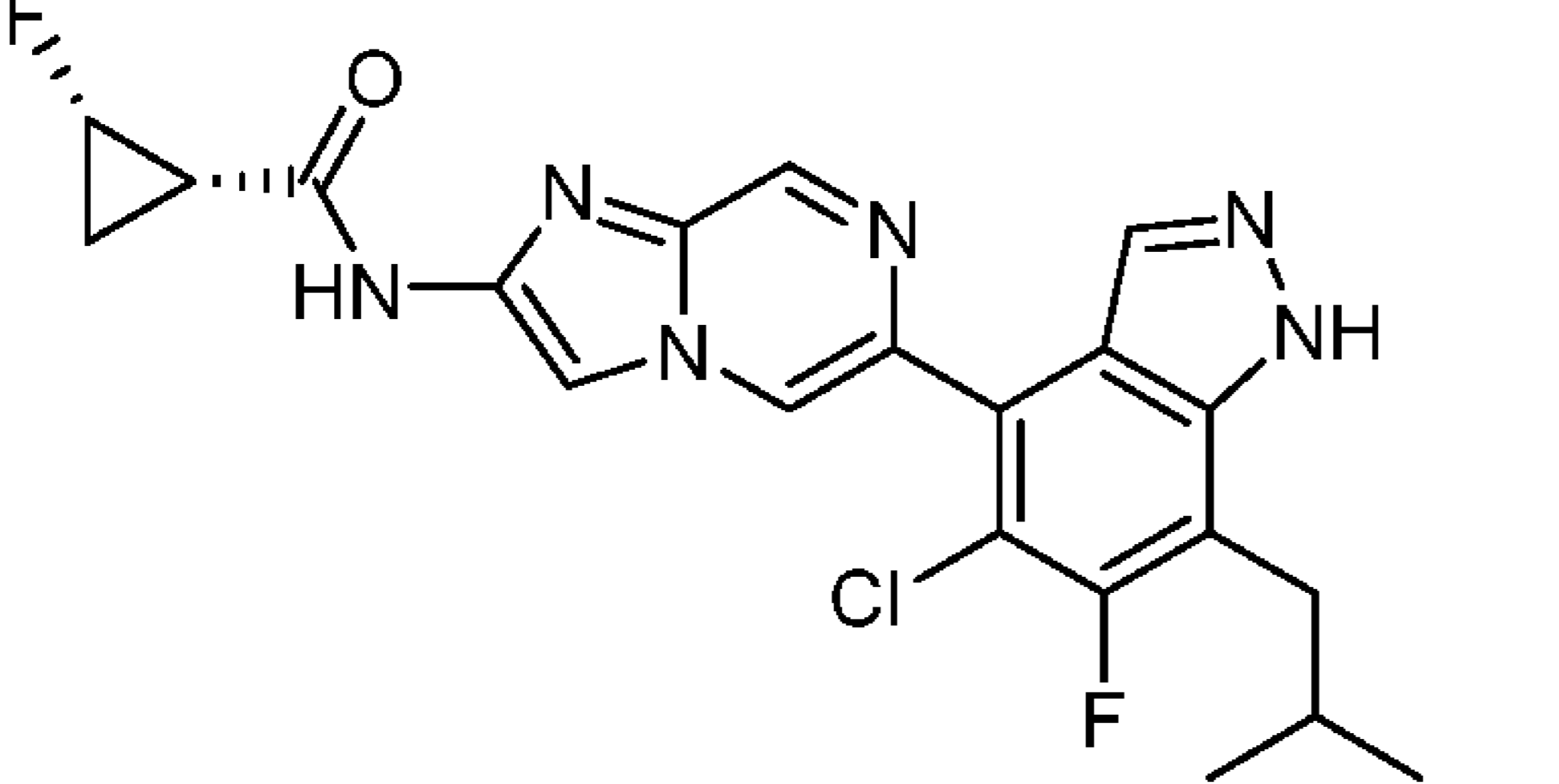
145	 <p>(1S,2S)-N-(6-(7-((1H-pyrazol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.79 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.09 (s, 1H), 7.97 (s, 1H), 7.43 (s, 1H), 6.26 (t, J = 1.9 Hz, 1H), 5.75 (s, 2H), 5.05-4.86 (m, 1H), 2.21-2.15 (m, 1H), 1.74-1.65 (m, 1H), 1.21-1.16 (m, 1H); LCMS (electrospray) m/z 469.10 (M+H) ⁺ .	D
146	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2,2,2-trifluoro-1-hydroxyethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.31 (s, 1H), 11.37 (s, 1H), 9.07-8.99 (m, 2H), 8.34 (s, 1H), 8.04 (s, 1H), 7.60 (d, J = 5.5 Hz, 1H), 5.75 (q, J = 6.6 Hz, 1H), 5.03-4.82 (m, 1H), 2.19-2.12 (m, 1H), 1.70-1.62 (m, 1H), 1.18-1.13 (m, 1H); LCMS (electrospray) m/z 488.1 (M+H) ⁺ .	D
147	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(pyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.87 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.12 (s, 1H), 6.83 (t, J = 2.5 Hz, 1H), 6.64 (s, 1H), 5.81 (t, 1H), 5.41 (s, 2H), 5.06-4.86 (m, 1H), 2.22-2.15 (m, 1H), 1.94 (s, 3H), 1.74-1.64 (m, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 482.10 (M+H) ⁺ .	D
148	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.88 (s, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 5.11-4.80 (m, 2H), 4.50-4.32 (m, 1H), 4.23-3.88 (m, 2H), 3.81-3.61 (m, 1H), 3.53-3.40 (m, 1H), 2.26-2.13 (m, 1H), 2.13-1.95 (m, 1H), 1.95-1.82 (m, 1H), 1.78-1.58 (m, 1H), 1.22-1.11 (m, 1H); LCMS (electrospray) m/z 474.10 (M+H) ⁺ .	D

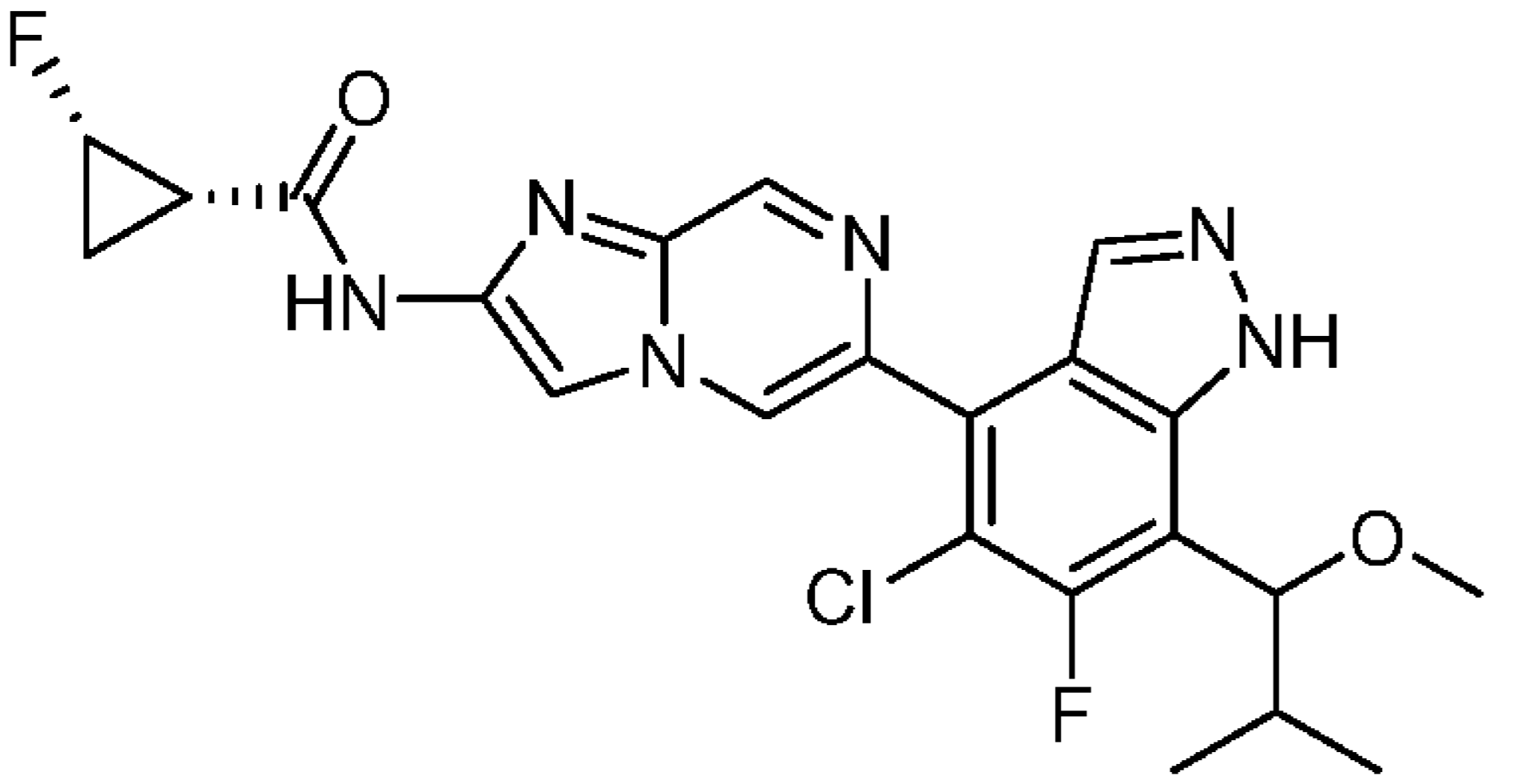
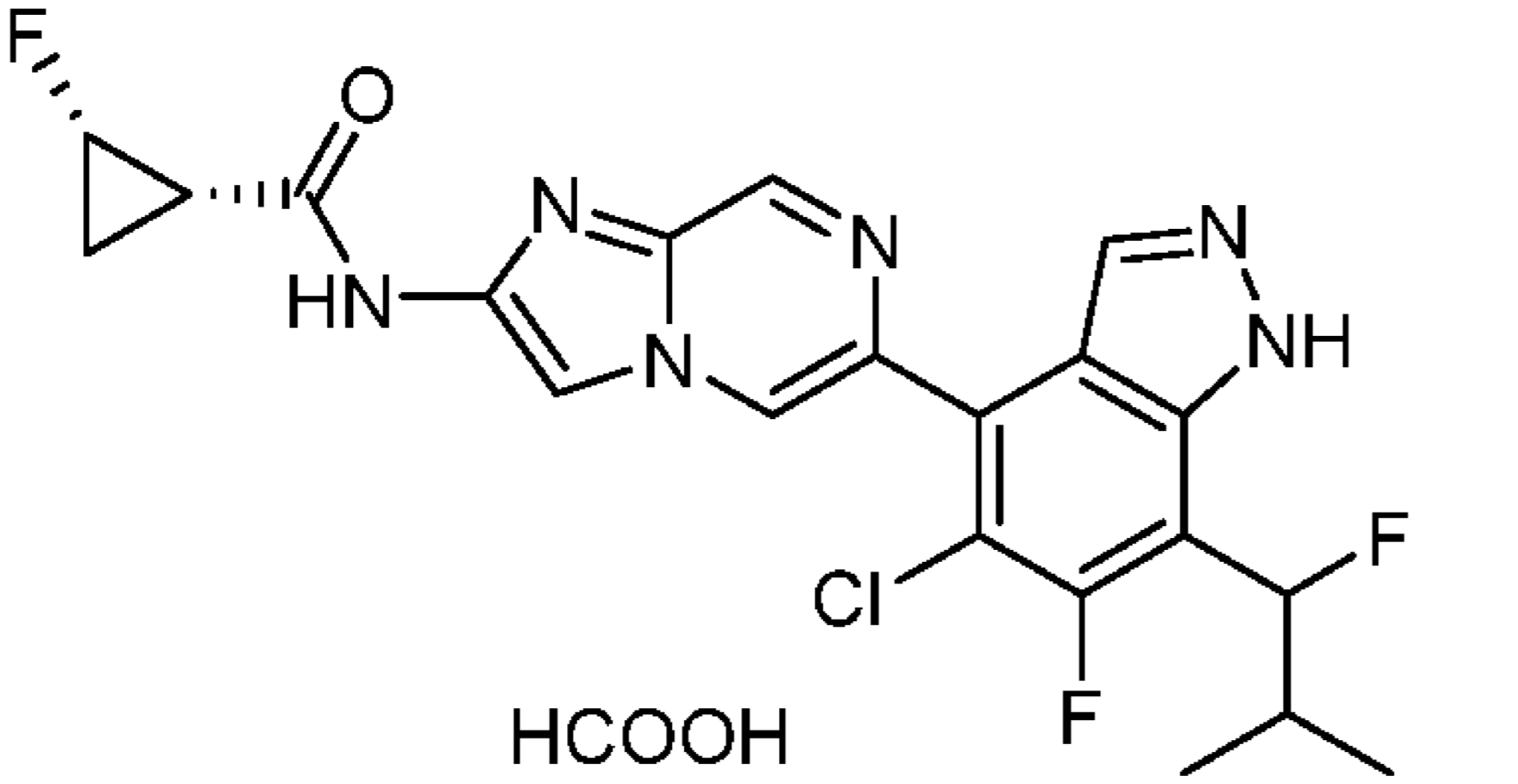
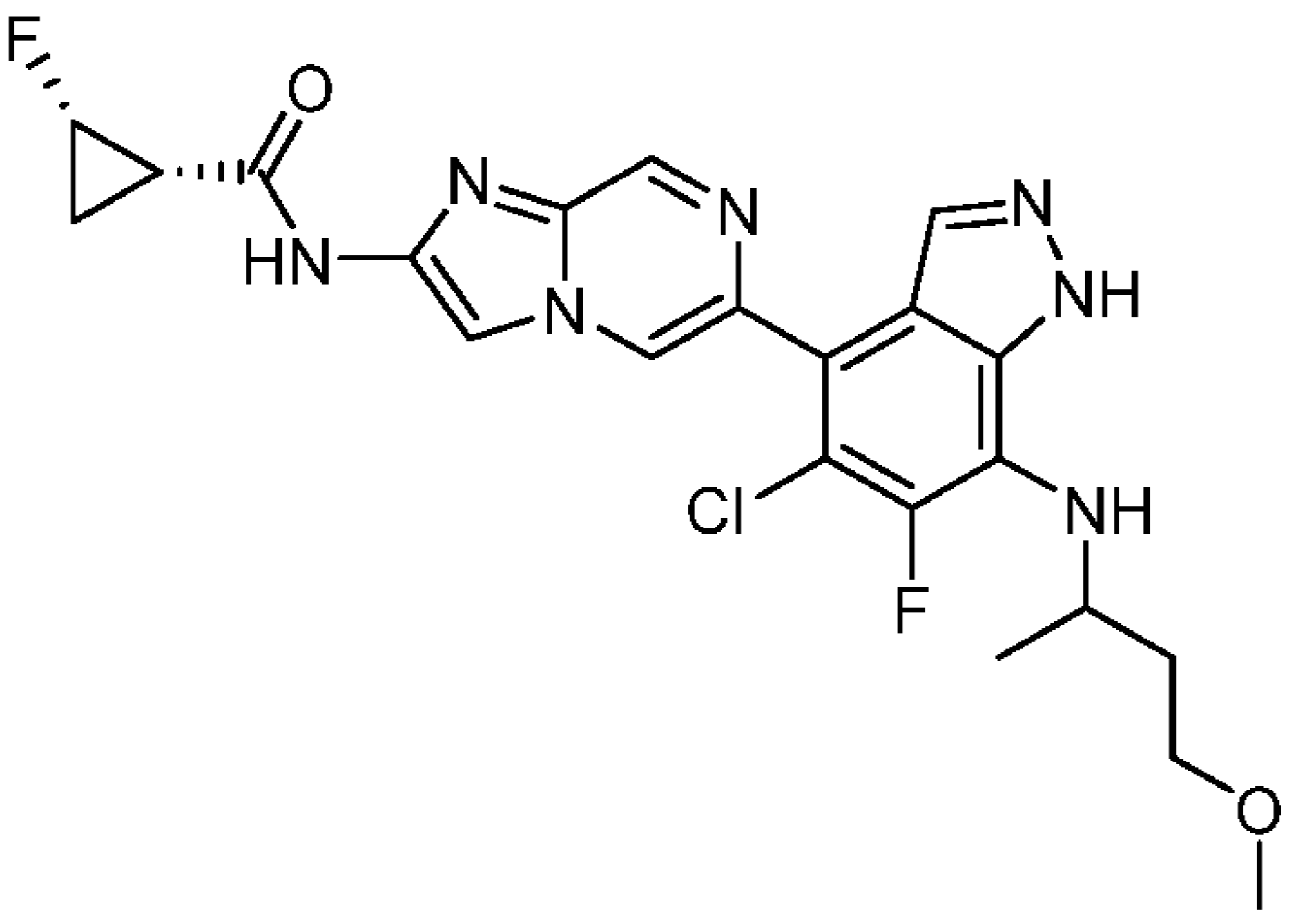
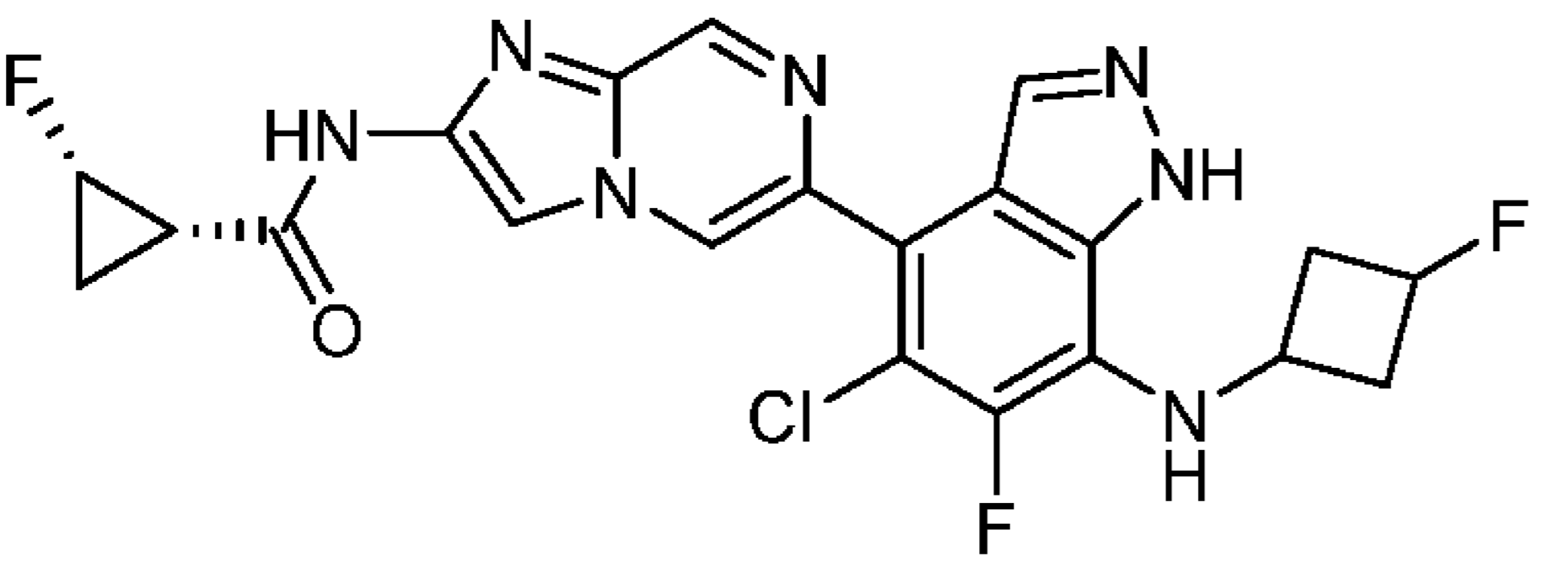
149	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.36 (s, 1H), 9.03 (s, 1H), 8.87 (d, J = 11.5 Hz, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 5.12-4.82 (m, 2H), 4.50-4.34 (m, 1H), 4.22-3.88 (m, 2H), 3.82-3.63 (m, 1H), 3.53-3.38 (m, 1H), 2.26-2.12 (m, 1H), 2.12-1.96 (m, 1H), 1.95-1.82 (m, 1H), 1.77-1.60 (m, 1H), 1.28-1.13 (m, 1H); LCMS (electrospray) m/z 474.10 (M+H) ⁺ .	D
150	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-oxocyclopent-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.58 (s, 1H), 11.41 (s, 1H), 9.10-9.06 (m, 2H), 8.41 (d, J = 6.0 Hz, 1H), 8.19 (d, J = 1.1 Hz, 1H), 6.79 (s, 1H), 5.07-4.86 (m, 1H), 3.40-3.36 (m, 1H), 3.29-3.27 (m, 2H), 2.58-2.56 (m, 2H), 2.23-2.16 (m, 1H), 1.75-1.64 (m, 1H), 1.25-1.17 (m, 1H); LCMS (electrospray) m/z 469.10 (M+H) ⁺ .	D
151	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxyethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.47 (s, 1H), 11.47 - 11.38 (m, 1H), 9.07 (s, 1H), 9.03 - 8.98 (m, 1H), 8.39 (s, 1H), 8.05 (s, 1H), 5.08 - 5.05 (m, 1H), 5.04 - 4.84 (m, 1H), 3.24 (s, 3H), 2.19 (td, J = 7.0, 13.8 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.59 (d, J = 6.6 Hz, 3H), 1.25 - 1.17 (m, 1H); LCMS (electrospray) m/z 447.1 (M+H) ⁺ .	D
152	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(N-methylacetamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.44 (s, 1H), 11.40 (s, 1H), 9.36 - 9.30 (m, 1H), 9.07 (s, 1H), 8.99 (s, 1H), 8.69 (br s, 1H), 8.38 (s, 1H), 8.25 - 8.16 (m, 1H), 8.08 (s, 1H), 7.60 - 7.51 (m, 1H), 6.17 - 5.99 (m, 1H), 5.80 - 5.68 (m, 1H), 5.11 - 4.84 (m, 1H), 3.03 (s, 2H), 2.96 (s, 1H), 2.78 (br s, 1H), 2.21 - 2.17 (m, 1H), 2.04 (s, 3H), 1.86 - 1.72 (m, 1H), 1.68 (br d, J = 7.3 Hz, 3H), 1.24 - 1.16 (m, 1H); LCMS (electrospray) m/z 488.1 (M+H) ⁺ .	D

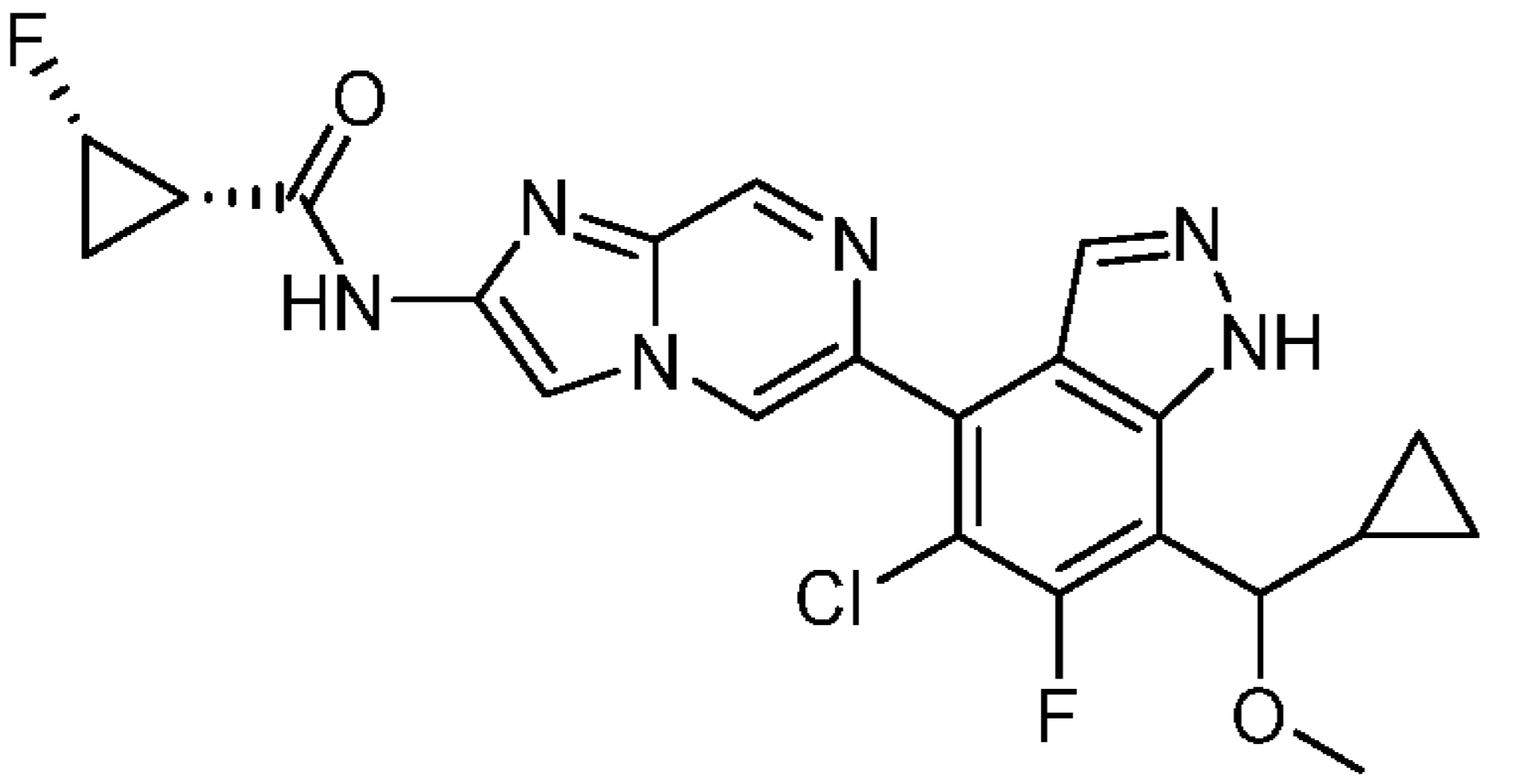
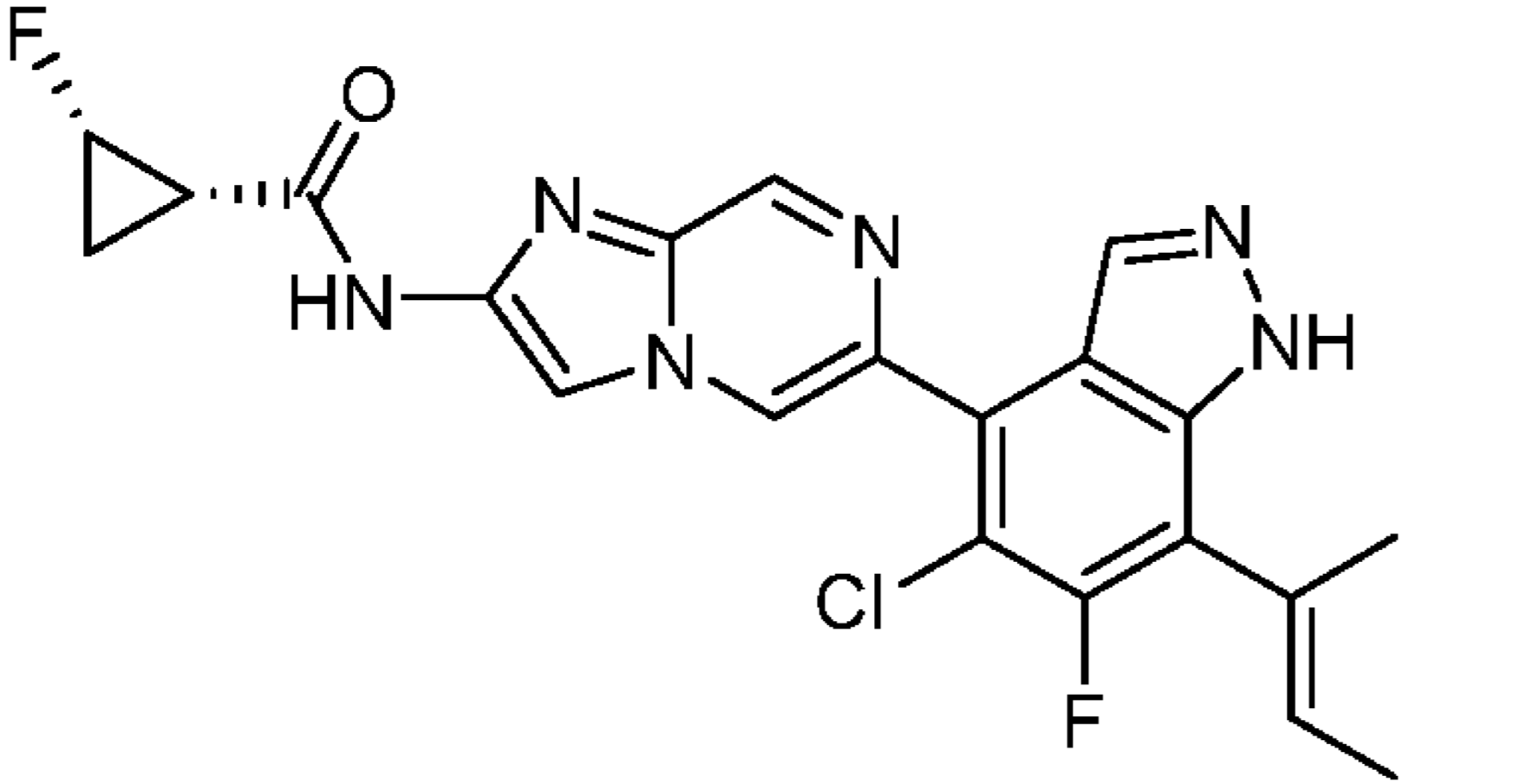
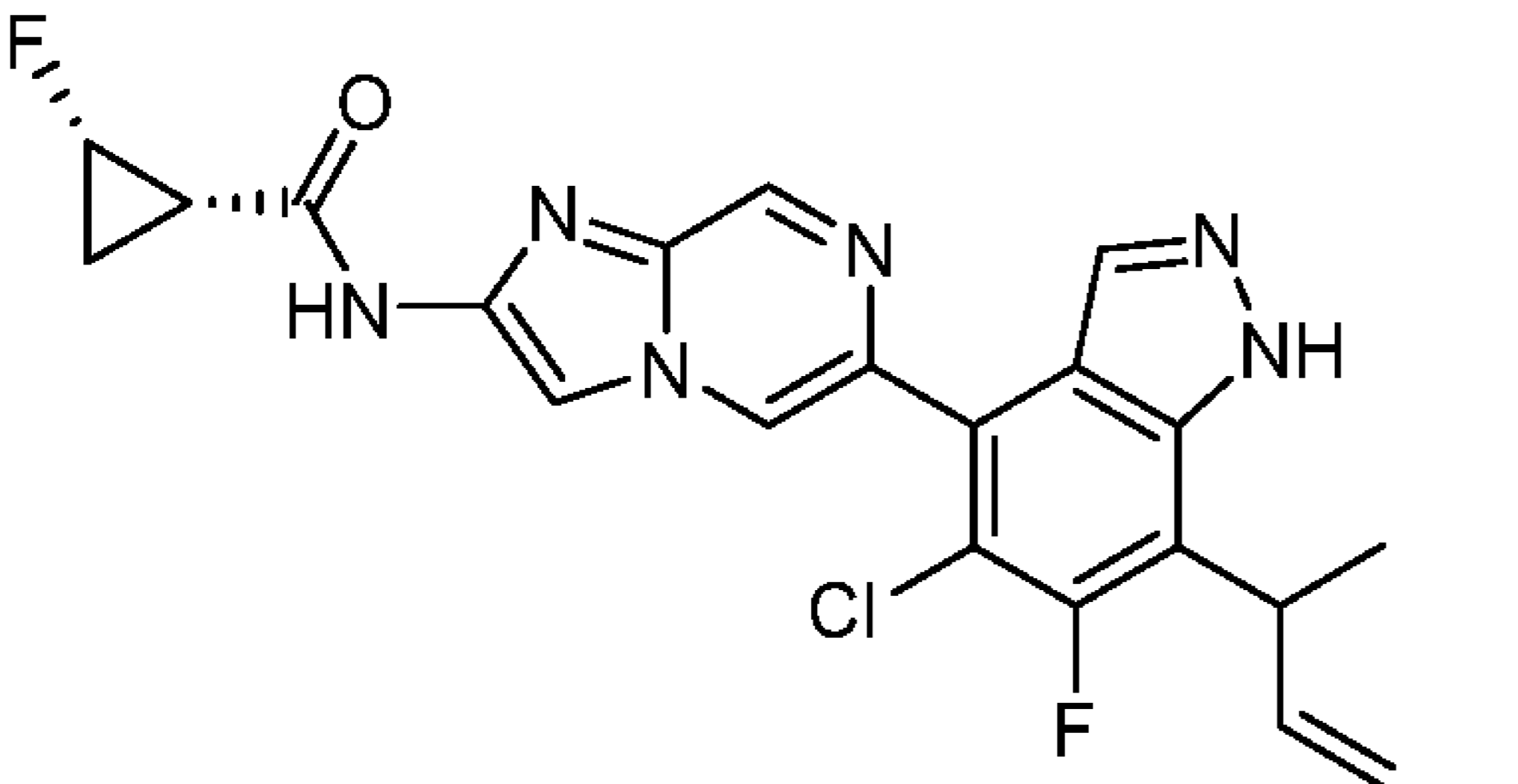
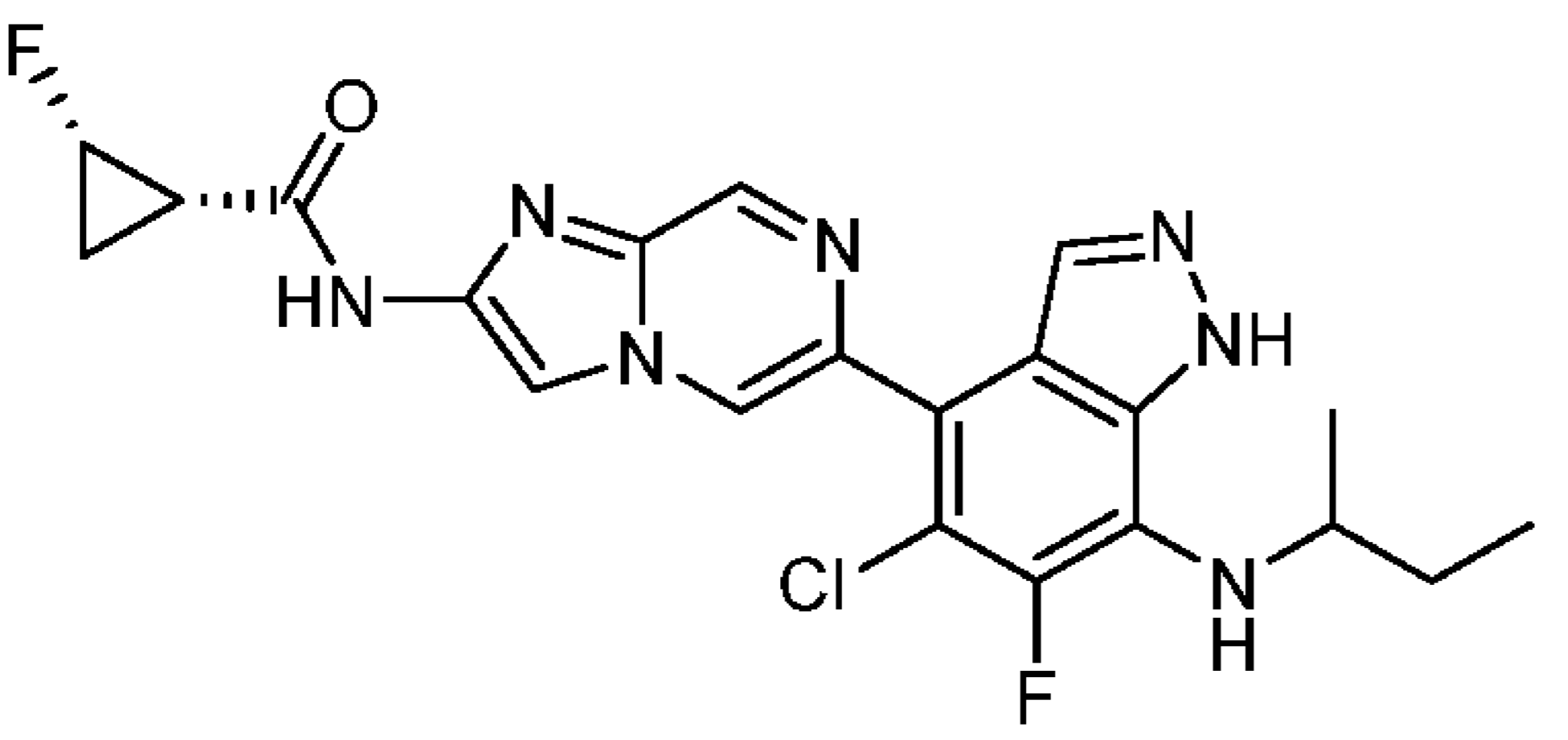
153	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(hydroxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.26 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J=1.3 Hz, 1H), 8.38 (s, 1H), 8.01 (s, 1H), 5.88 (d, J=1.5 Hz, 1H), 5.08-5.01 (m, 1H), 4.92-4.84 (m, 1H), 4.62 (d, J=6.0 Hz, 1H), 2.25-2.12 (m, 1H), 1.78 - 1.60 (m, 1H), 1.52-1.39 (m, 1H), 1.35-1.13 (m, 3H), 0.65-0.52 (m, 2H), 0.48-0.28 (m, 2H); LCMS (electrospray) m/z 459.1 (M+H) ⁺ .	D
154	 <p>(1S,2S)-N-(6-(7-((1H-pyrazol-5-yl)amino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.26 (br s, 1H), 12.14 (br s, 1H), 11.37 (s, 1H), 9.05 (s, 1H), 8.96 (d, J=1.5 Hz, 1H), 8.44 (br s, 1H), 8.38 (s, 1H), 8.00 (s, 1H), 7.63 (s, 1H), 5.90 (s, 1H), 5.08 - 4.84 (m, 1H), 2.19 (td, J=6.9, 13.8 Hz, 1H), 1.75 - 1.63 (m, 1H), 1.25 - 1.16 (m, 1H); LCMS (electrospray) m/z 470.1 (M+H) ⁺ .	D
155	 <p>(1R,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.51 (br s, 1H), 11.39 (s, 1H), 9.06 (s, 1H), 8.97 (d, J=1.4 Hz, 1H), 8.38 (s, 1H), 8.04 (s, 1H), 5.08 - 4.85 (m, 1H), 3.69 - 3.56 (m, 1H), 2.19 (td, J=7.0, 13.9 Hz, 1H), 1.75 - 1.63 (m, 1H), 1.46 (d, J=7.0 Hz, 6H), 1.26 - 1.16 (m, 1H); LCMS (electrospray) m/z 431.1 (M+H) ⁺ .	D
156	 <p>(1S,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.52 (br s, 1H), 11.51 (br s, 1H), 9.08 (s, 1H), 8.98 (d, J=1.3 Hz, 1H), 8.34 (s, 1H), 8.04 (s, 1H), 5.06 - 4.82 (m, 1H), 3.63 (td, J=7.0, 14.0 Hz, 1H), 1.64 - 1.51 (m, 1H), 1.46 (d, J=7.0 Hz, 6H), 1.28 (td, J=6.4, 13.1 Hz, 1H); LCMS (electrospray) m/z 431.2 (M+H) ⁺ .	D

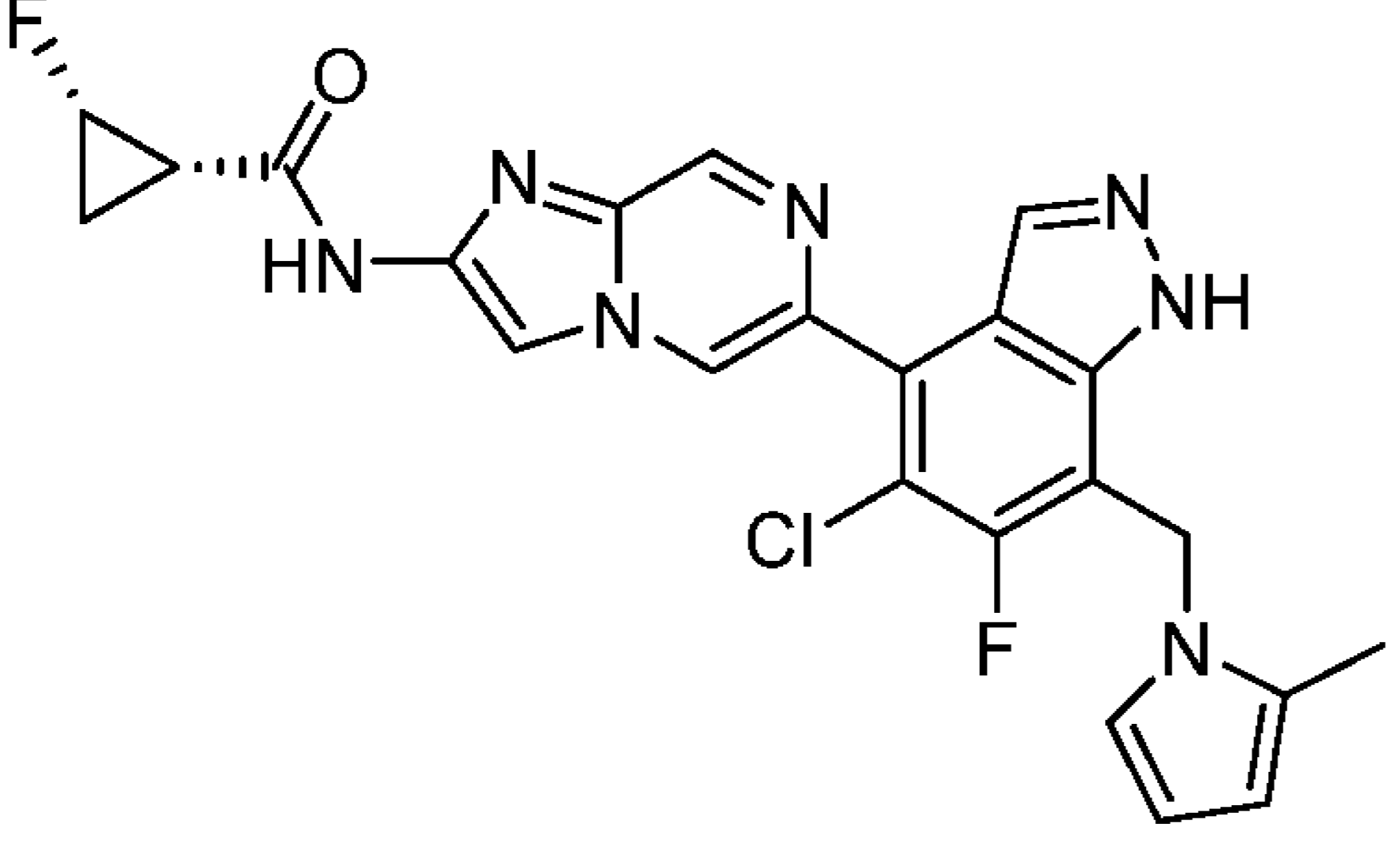
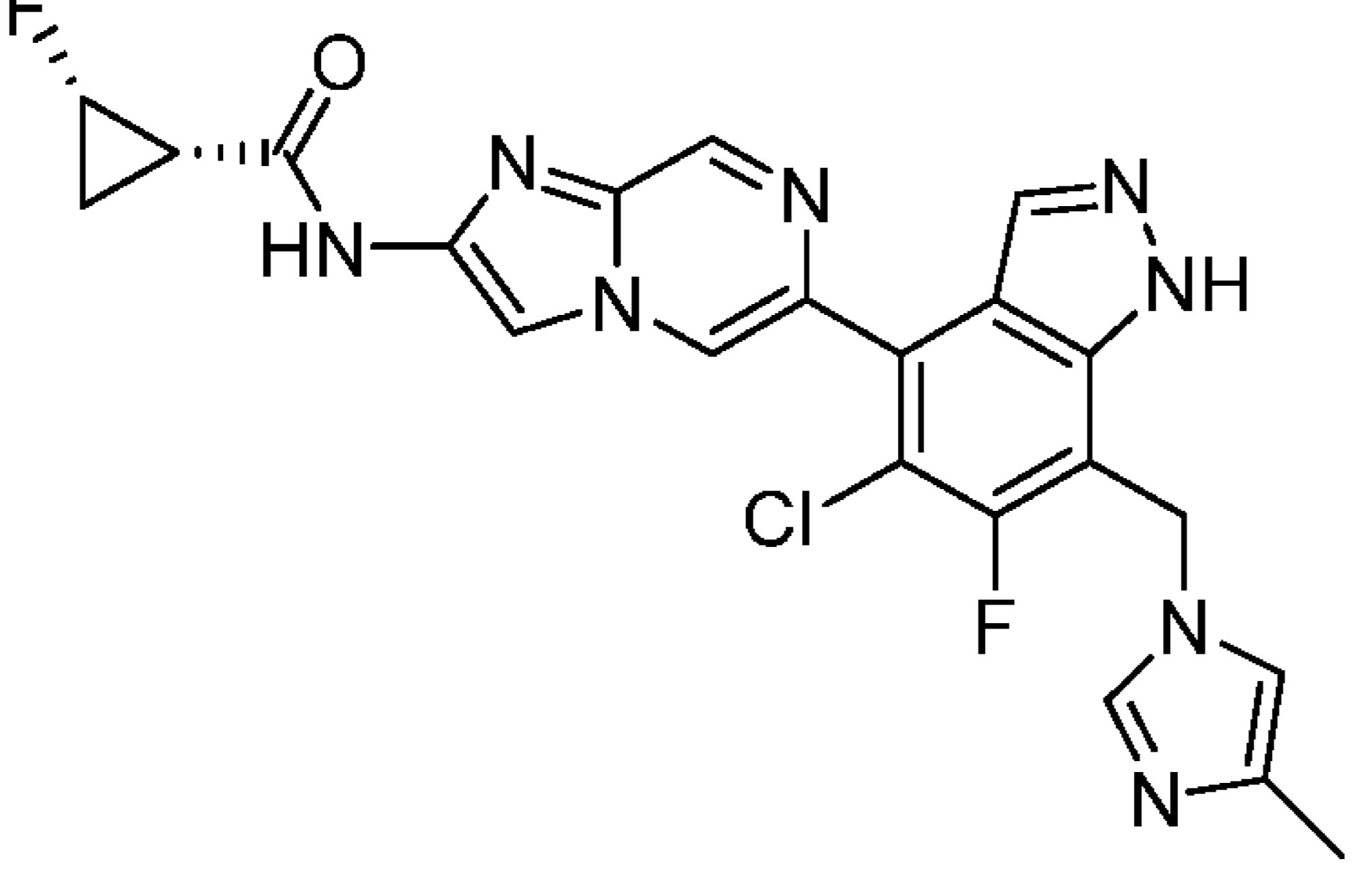
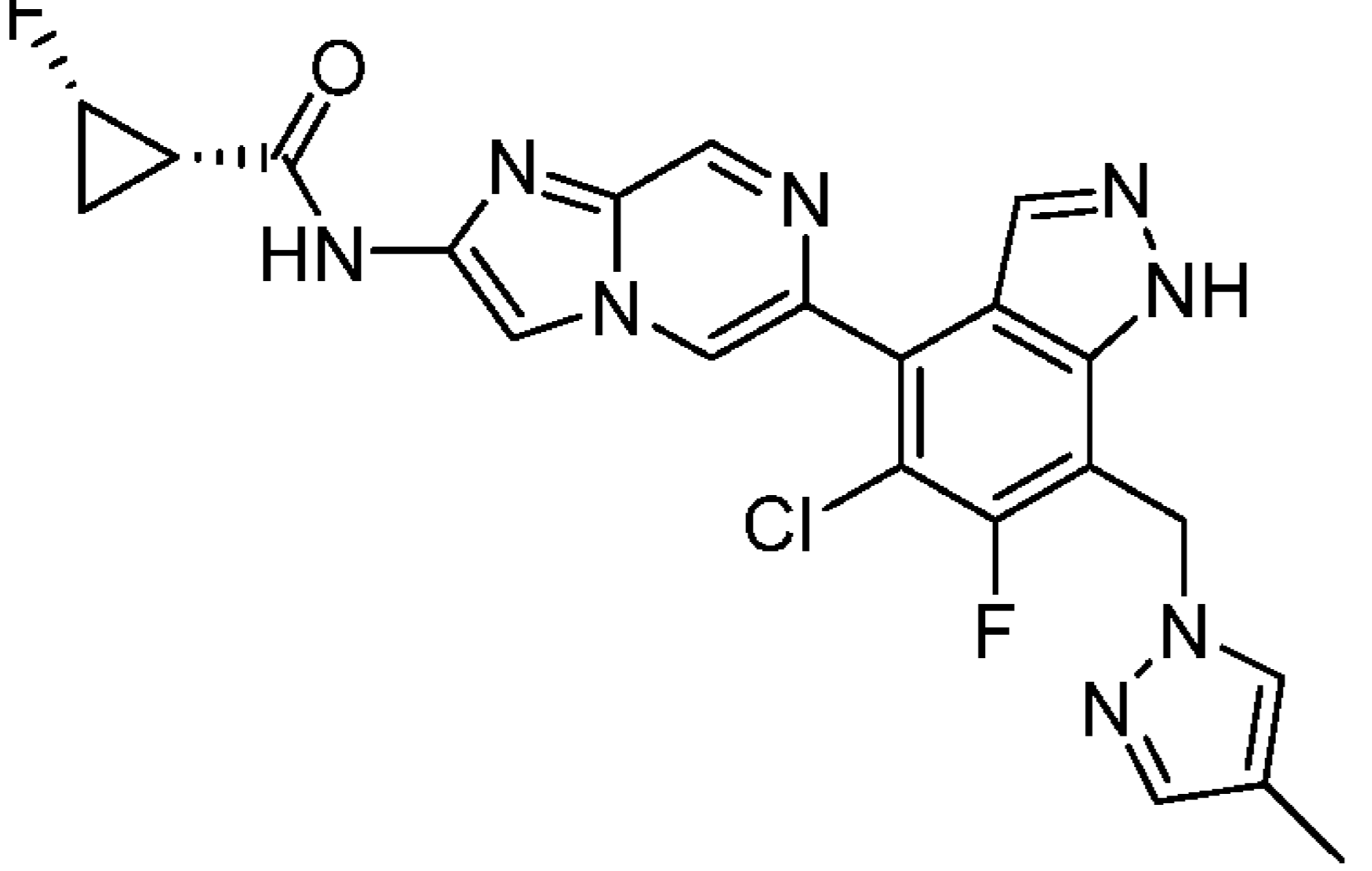
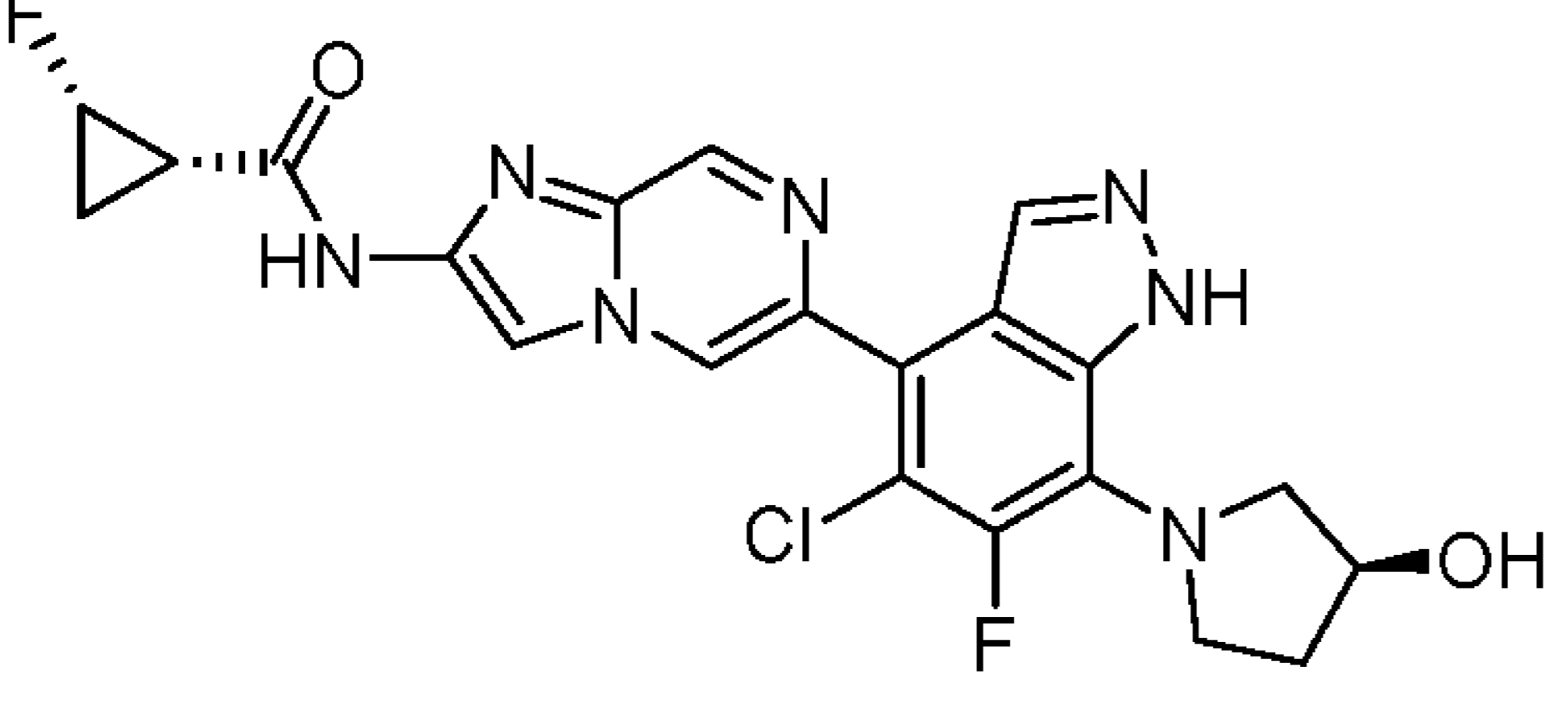
157	 <p>(1R,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.52 (br s, 1H), 11.50 (s, 1H), 9.07 (d, J=0.6 Hz, 1H), 8.97 (d, J=1.3 Hz, 1H), 8.33 (s, 1H), 8.04 (br s, 1H), 5.05 - 4.82 (m, 1H), 3.63 (td, J=7.0, 14.2 Hz, 1H), 1.65 - 1.51 (m, 1H), 1.45 (d, J=7.1 Hz, 6H), 1.34 - 1.21 (m, 1H); LCMS (electrospray) m/z 431.2 (M+H) ⁺ .	D
158	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.47 (br s, 1H), 11.88 (br s, 1H), 11.40 (s, 1H), 9.08 (s, 1H), 9.02 (d, J=1.2 Hz, 1H), 8.40 (s, 1H), 8.07 (s, 1H), 7.52 (s, 1H), 5.51 (s, 1H), 5.09 - 4.85 (m, 1H), 3.38 (s, 3H), 2.20 (td, J=6.9, 14.0 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.27 - 1.15 (m, 1H); LCMS (electrospray) m/z 484.1 (M+H) ⁺ .	D
159	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1-(2-(trimethylsilyl)ethoxy)methyl)-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.55 (br s, 1H), 11.40 (s, 1H), 9.08 (d, J=0.6 Hz, 1H), 9.01 (d, J=1.5 Hz, 1H), 8.40 (s, 1H), 8.08 (s, 1H), 7.68 (d, J=2.4 Hz, 1H), 5.59 (d, J=2.3 Hz, 1H), 5.21 (s, 2H), 5.08 - 4.86 (m, 1H), 3.55 - 3.47 (m, 2H), 3.37 (br s, 3H), 2.19 (td, J=6.9, 13.9 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.26 - 1.16 (m, 1H), 0.85 - 0.80 (m, 2H), -0.03 (s, 9H); LCMS (electrospray) m/z 614.2 (M+H) ⁺ .	D
160	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1-methyl-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.76 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J=1.3 Hz, 1H), 8.39 (s, 1H), 8.13 (d, J=1.2 Hz, 1H), 7.34 (d, J=2.0 Hz, 1H), 6.07 (d, J=2.0 Hz, 1H), 5.07 - 4.85 (m, 1H), 3.32 (br s, 3H), 3.28 (s, 3H), 2.19 (td, J=7.0, 13.9 Hz, 1H), 1.76 - 1.62 (m, 1H), 1.21 (tdd, J=6.2, 9.0, 12.4 Hz, 1H); LCMS (electrospray) m/z 498.2 (M+H) ⁺ .	D

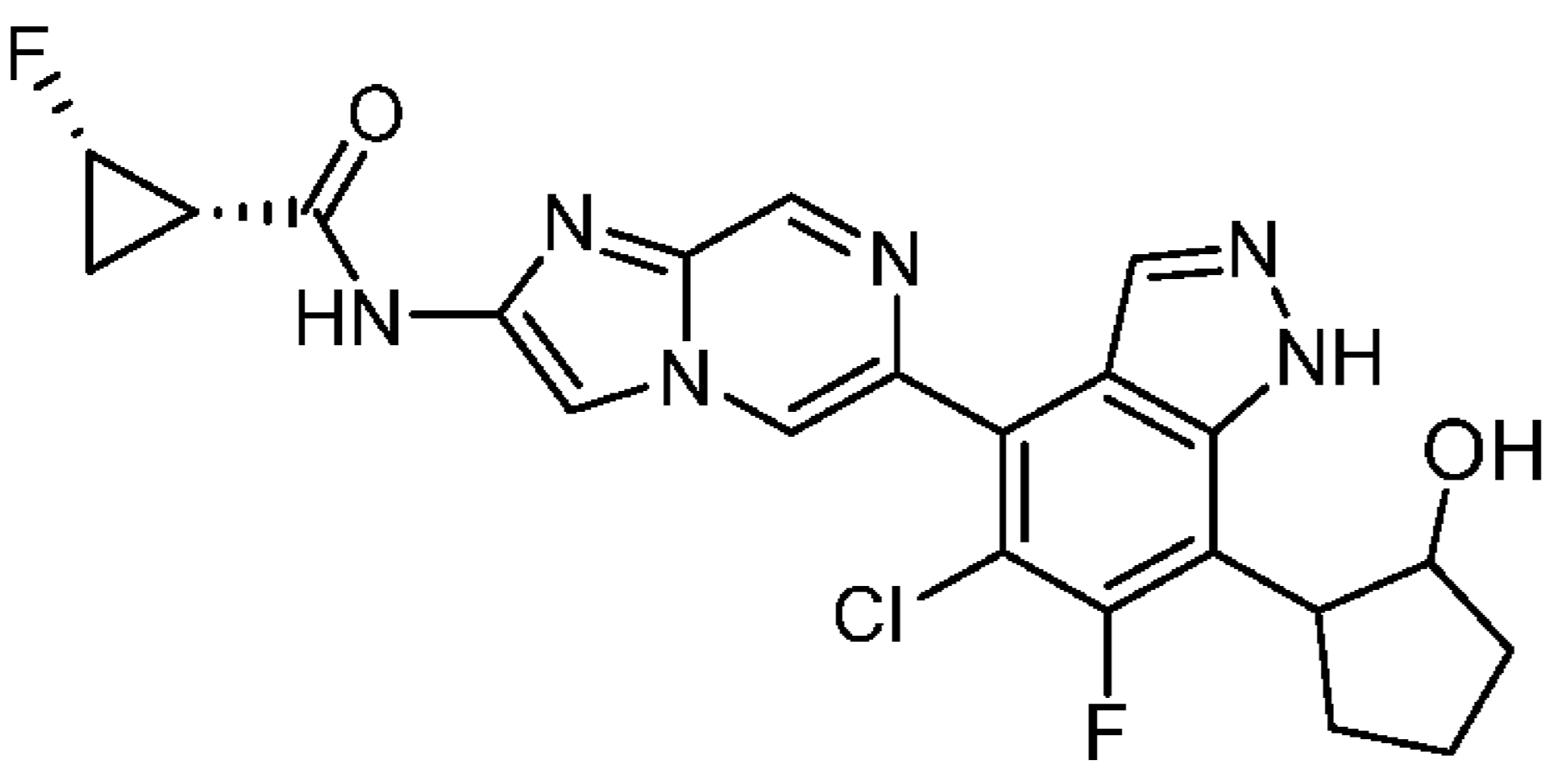
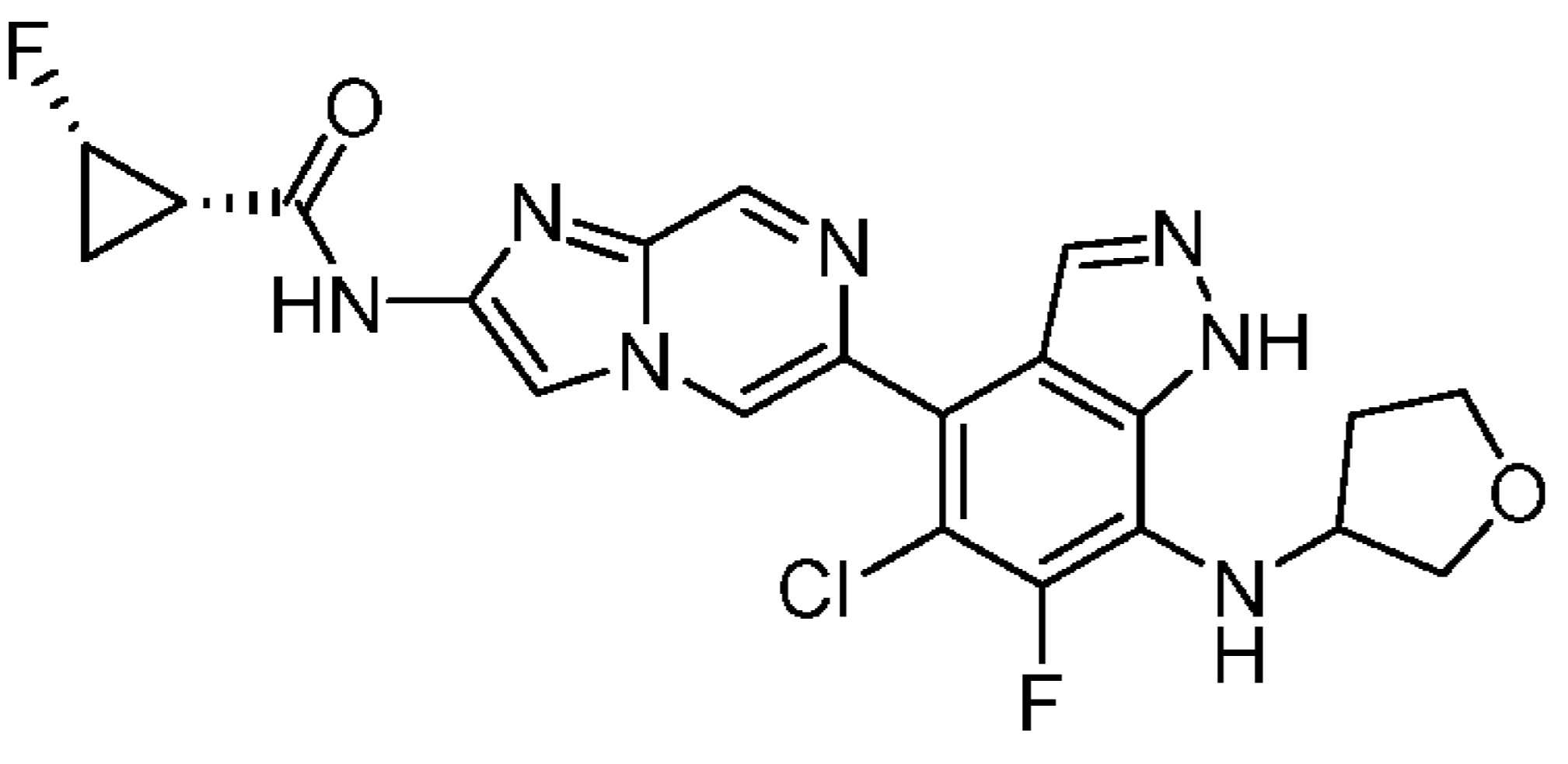
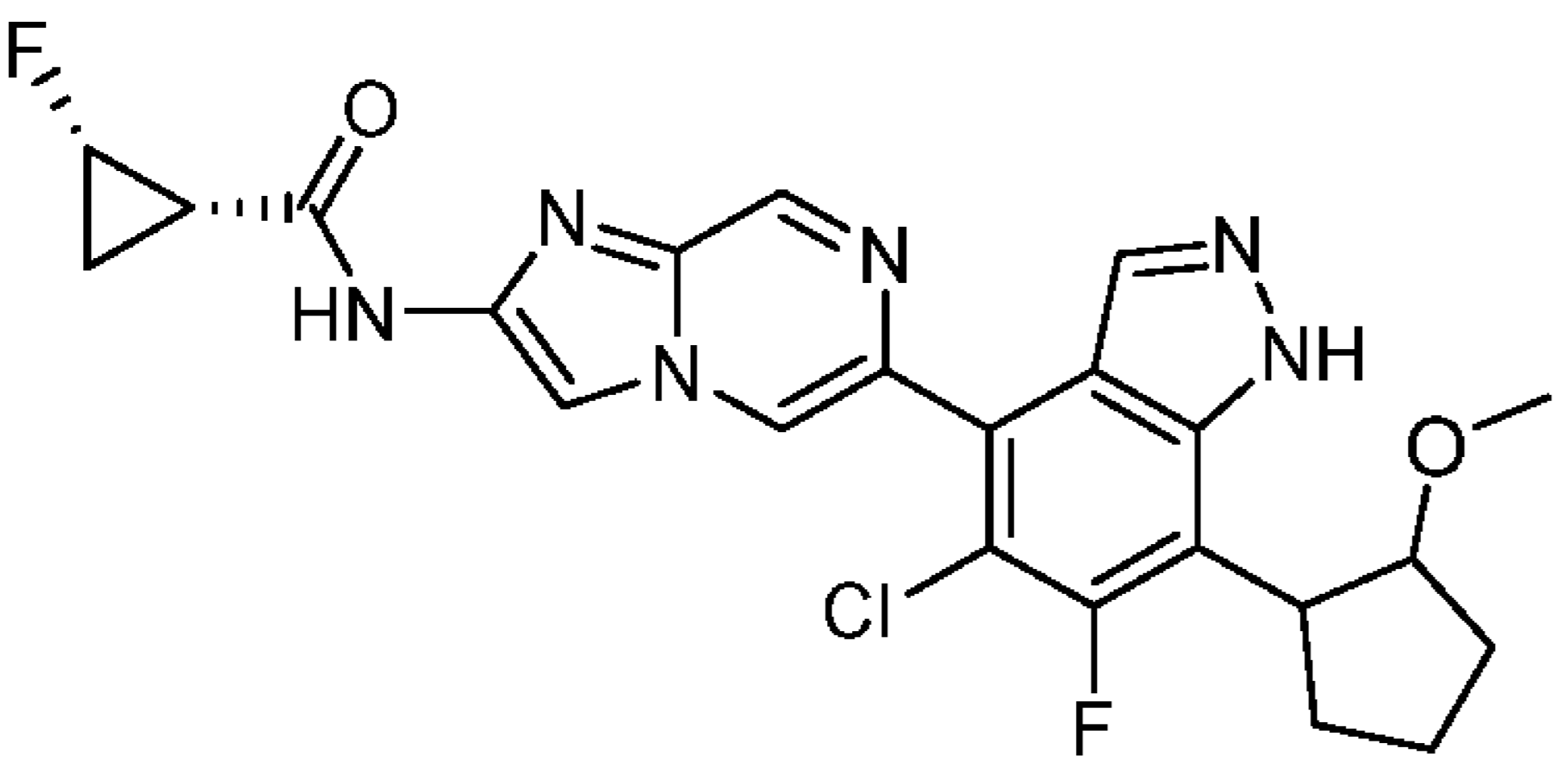
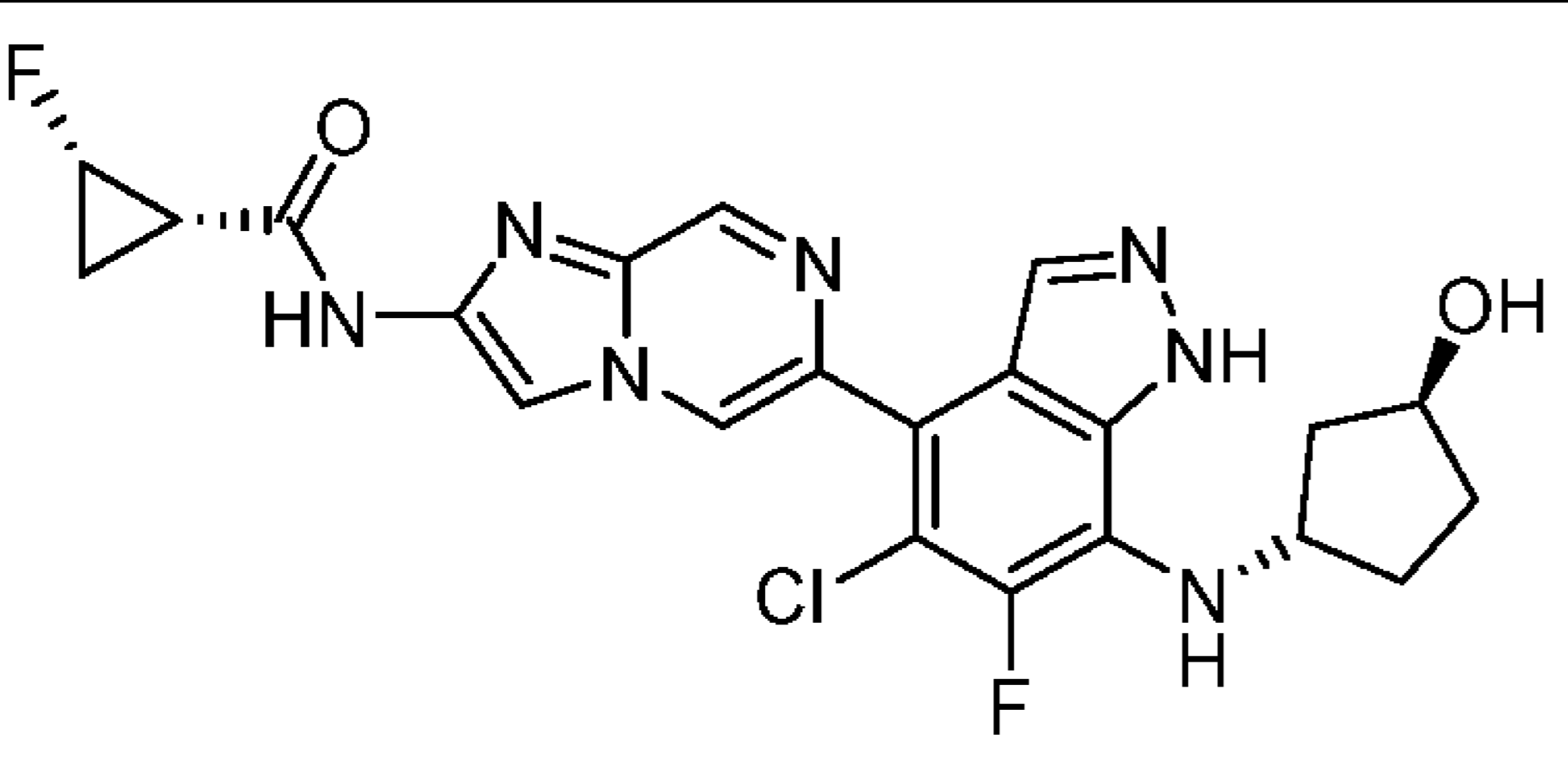
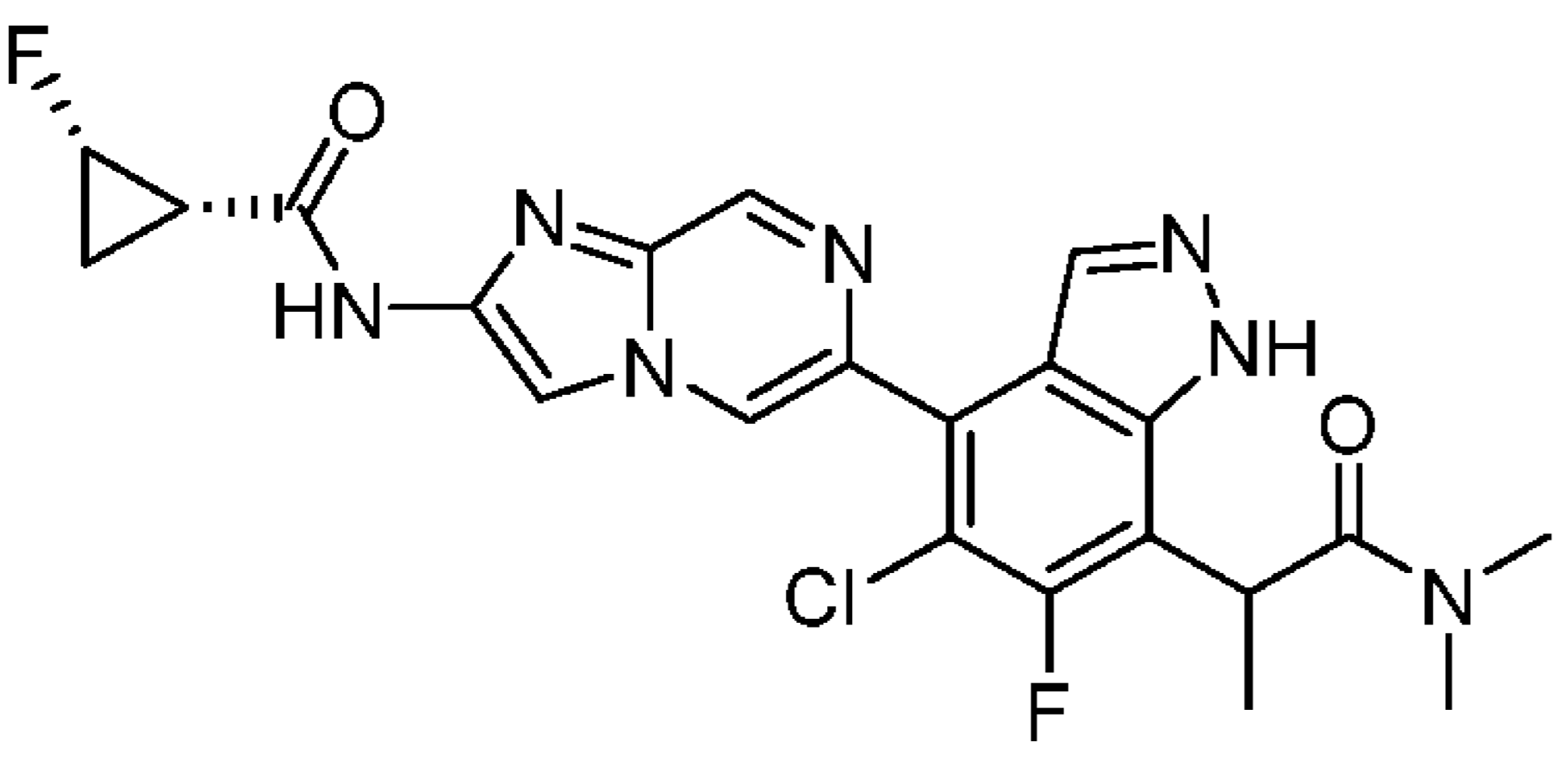
161	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isobutyryl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.78 (s, 1H), 11.43 (s, 1H), 9.10 (s, 2H), 8.43 (s, 1H), 8.18 (s, 1H), 5.14 - 4.79 (m, 1H), 3.62 - 3.53 (m, 1H), 2.20 (td, J = 6.9, 13.8 Hz, 1H), 1.79 - 1.67 (m, 1H), 1.24 (d, J = 6.6 Hz, 7H); LCMS (electrospray) m/z 459.3 (M+H) ⁺ .	D
162	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxy-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.18 (br s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.5 Hz, 1H), 8.39 (s, 1H), 8.00 (s, 1H), 5.87 (br d, J = 3.1 Hz, 1H), 5.10 - 4.83 (m, 2H), 2.24 - 2.14 (m, 2H), 1.75 - 1.63 (m, 1H), 1.21 (tdd, J = 6.1, 9.0, 12.3 Hz, 1H), 1.08 (d, J = 6.6 Hz, 3H), 0.81 (d, J = 6.7 Hz, 3H); LCMS (electrospray) m/z 461.4 (M+H) ⁺ .	D
163	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1S,3R)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.21 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 1.1 Hz, 1H), 8.34 (d, J = 6.0 Hz, 1H), 7.95 (s, 1H), 5.56-5.39 (m, 1H), 5.09-4.84 (m, 1H), 4.84-4.73 (m, 1H), 4.48-4.13 (m, 2H), 2.26-2.11 (m, 2H), 2.03-1.87 (m, 1H), 1.81-1.53 (m, 5H), 1.22-1.13 (m, 1H); LCMS (electrospray) m/z 488.10 (M+H) ⁺ .	D
164	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methyl-1H-imidazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.92 (s, 1H), 11.41 (d, J = 7.4 Hz, 1H), 9.08 (d, J = 7.1 Hz, 1H), 9.04-9.02 (m, 1H), 8.39 (d, J = 7.1 Hz, 1H), 8.18 (d, J = 6.6 Hz, 1H), 7.03 (d, J = 7.1 Hz, 1H), 6.73-6.71 (m, 1H), 5.53 (d, J = 7.1 Hz, 2H), 5.06-4.88 (m, 1H), 2.39 (d, J = 7.7 Hz, 3H), 2.22-2.17 (m, 1H), 1.72-1.67 (m, 1H), 1.19-1.19 (m, 1H); LCMS (electrospray) m/z 483.10 (M+H) ⁺ .	D

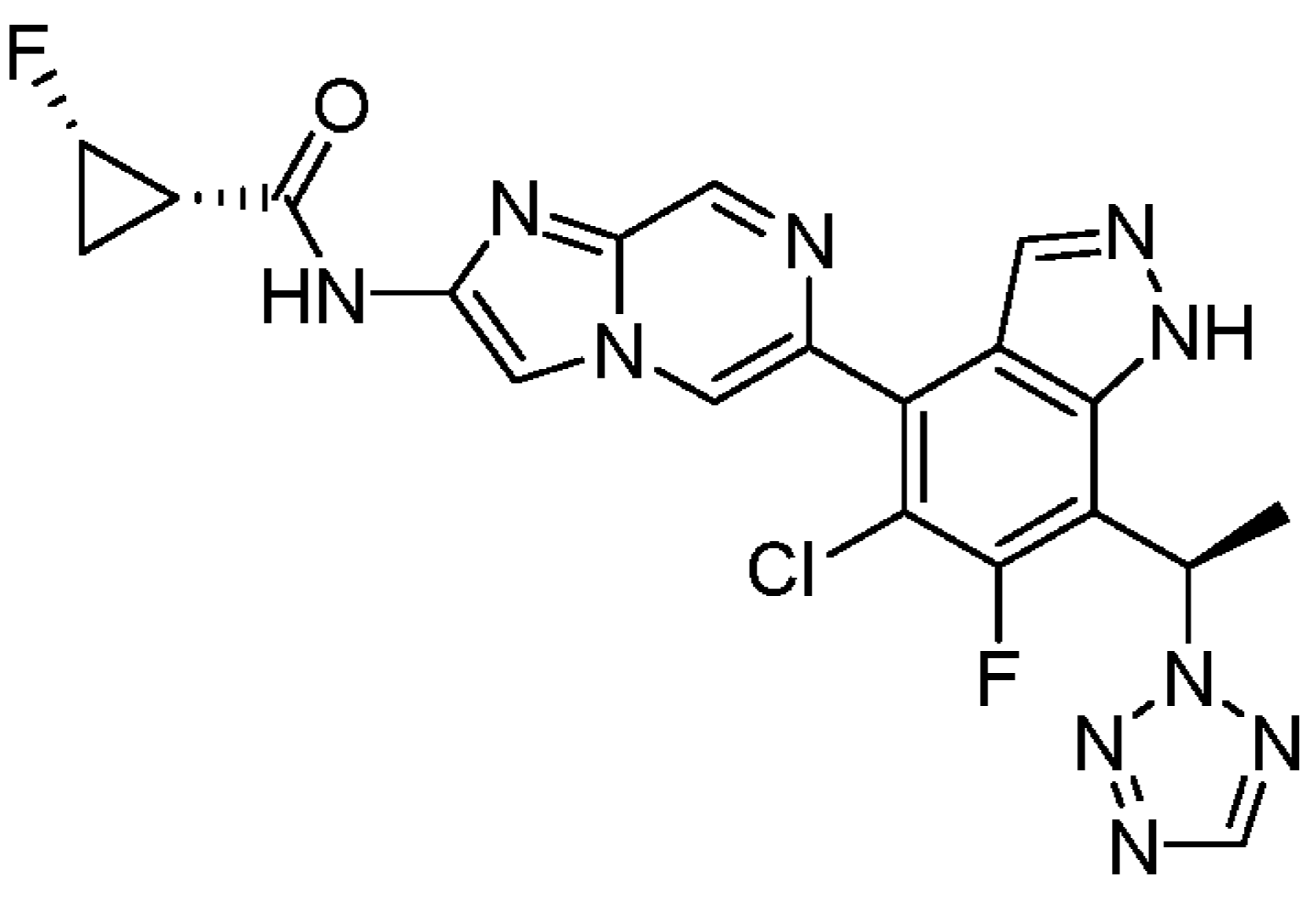
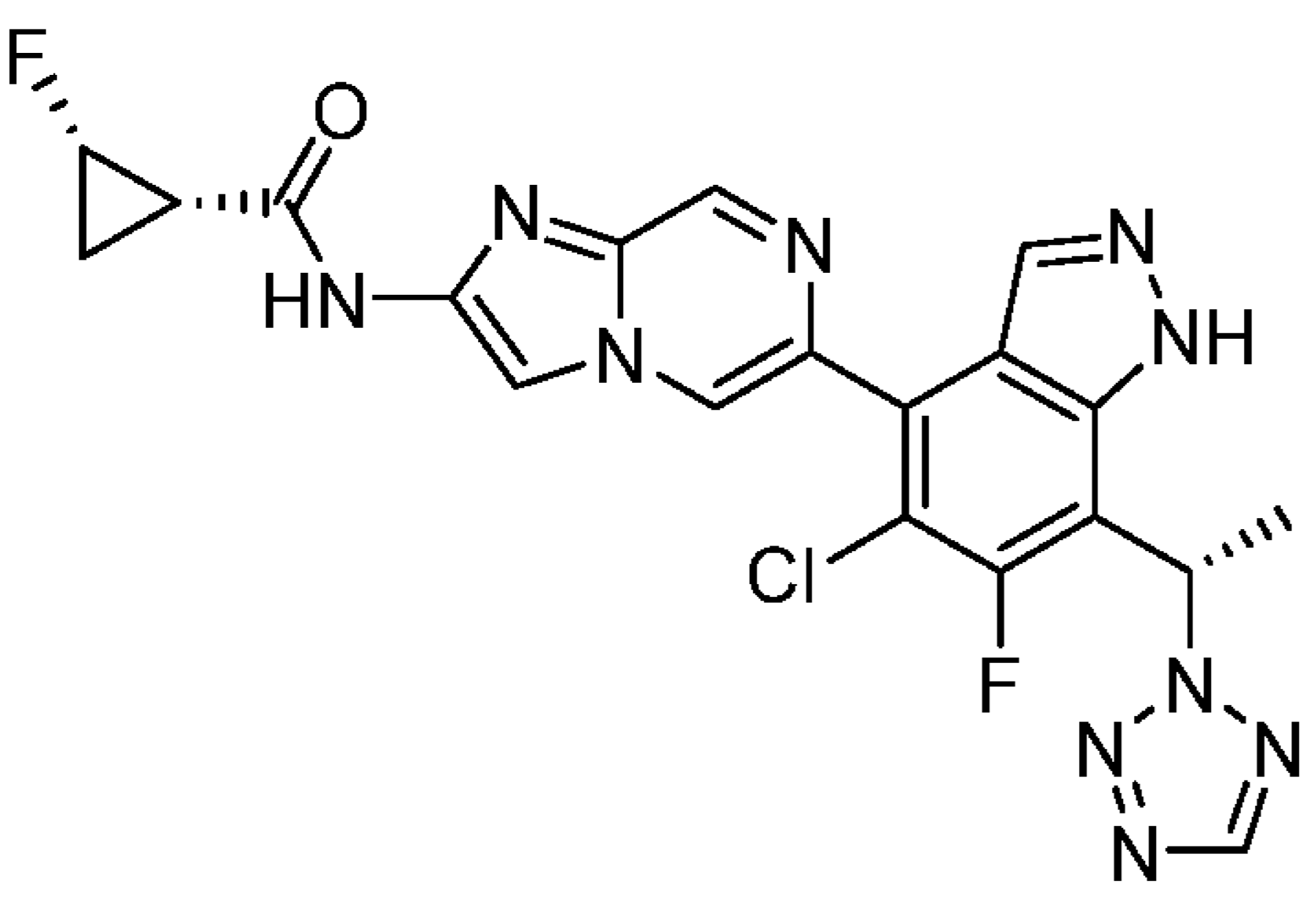
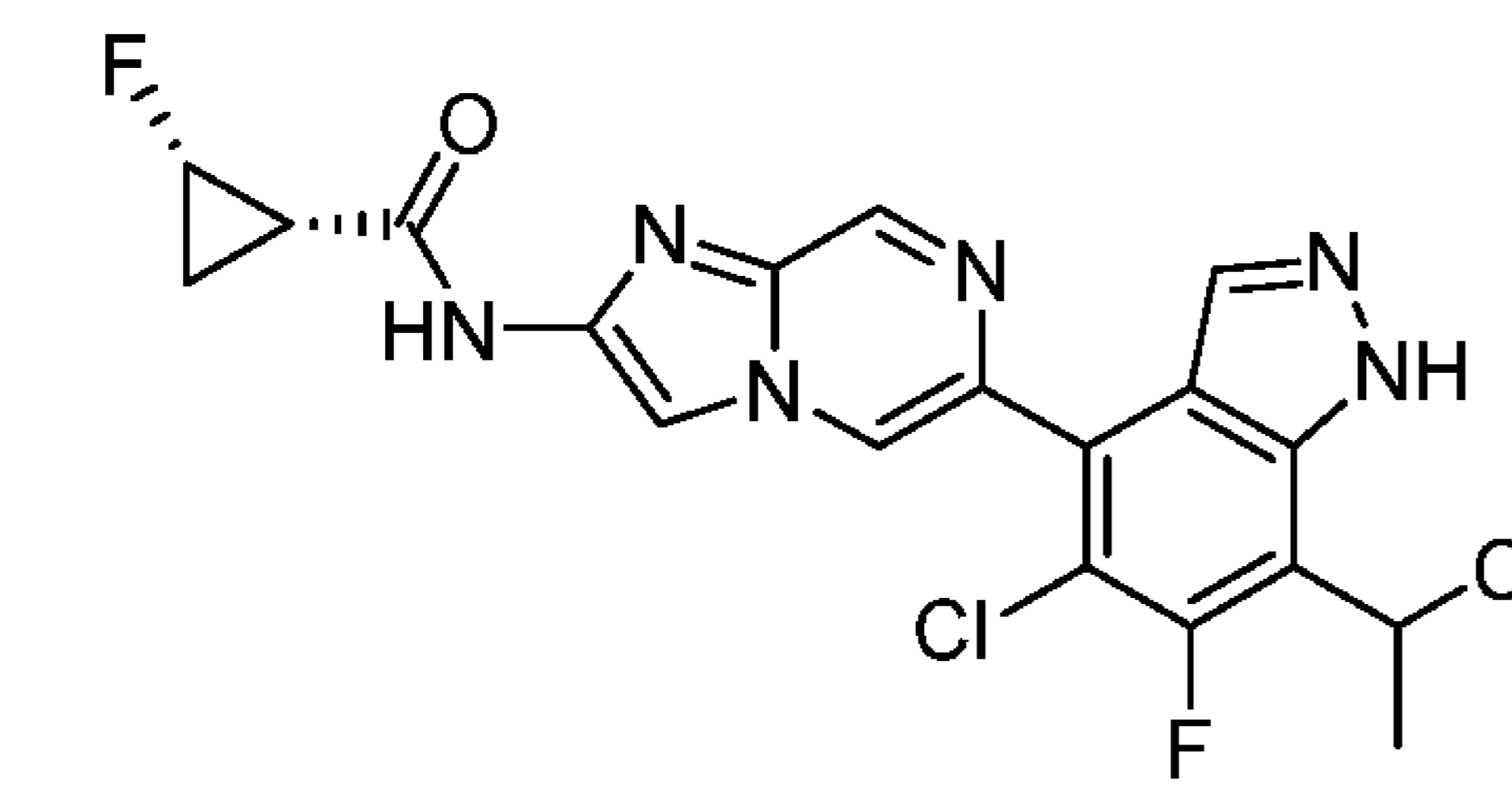
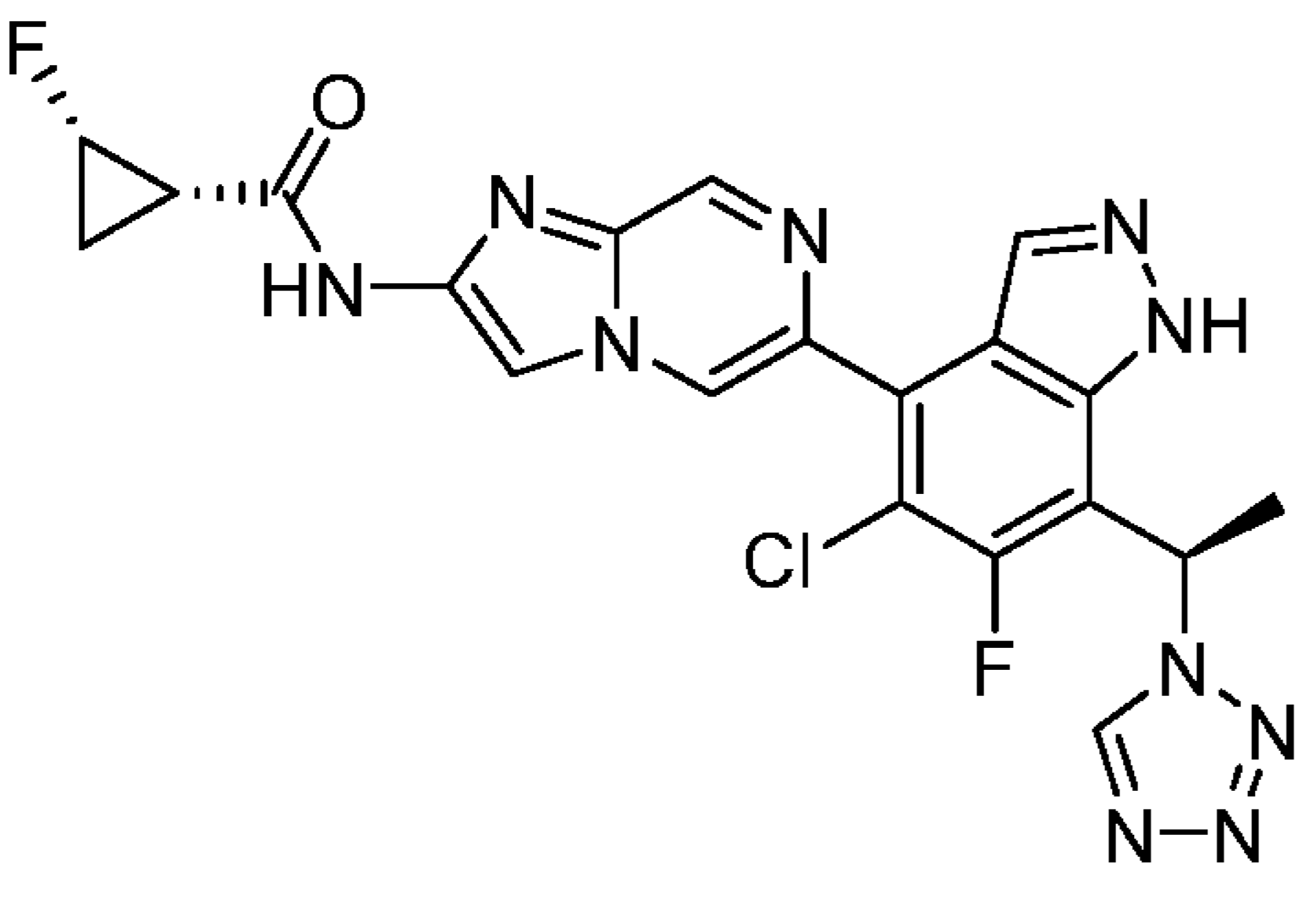
165	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.91 (s, 1H), 11.39 (s, 1H), 9.07 (d, J = 1.6 Hz, 1H), 8.97 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 7.98 (d, J = 1.1 Hz, 1H), 5.76 (d, J = 5.5 Hz, 1H), 5.07-4.86 (m, 1H), 2.20 (d, J = 17.6 Hz, 6H), 1.95 (dd, J = 18.7, 13.2 Hz, 3H), 1.83 (d, J = 6.6 Hz, 2H), 1.74-1.64 (m, 1H), 1.25-1.19 (m, 1H); LCMS (electrospray) m/z 473.10 (M+H) ⁺ .	D
166	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.39 (s, 1 H) 11.32 - 11.50 (m, 1 H) 8.96 - 9.04 (m, 1 H) 8.81 - 8.91 (m, 1 H) 8.27 - 8.40 (m, 1 H) 7.95 - 8.11 (m, 1 H) 5.11 - 4.83 (m, 1 H) 3.59 - 3.74 (m, 1 H) 2.14 - 2.26 (m, 1 H) 1.63 - 1.77 (m, 1 H) 1.40 - 1.52 (m, 6 H) 1.13 - 1.26 (m, 1 H); LCMS (electrospray) m/z 465.1 (M+H) ⁺ .	D
167	 <p>(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoropropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.5 Hz, 1H), 9.04 - 8.99 (m, 1H), 8.39 (s, 1H), 8.12 (s, 1H), 6.70 - 6.31 (m, 1H), 5.12 - 4.82 (m, 1H), 4.10 - 3.89 (m, 1H), 2.25 - 2.15 (m, 2H), 1.78 - 1.62 (m, 1H), 1.56 (d, J = 7.2 Hz, 3H), 1.29 - 1.13 (m, 2H); LCMS (electrospray) m/z 467.0 (M+H) ⁺ .	D
168	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isobutyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.60 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.04 (s, 1H), 5.06 - 4.86 (m, 1H), 2.89 (br d, J = 7.2 Hz, 2H), 2.23 - 2.17 (m, 1H), 2.09 - 2.03 (m, 1H), 1.74 - 1.66 (m, 1H), 1.26 - 1.18 (m, 1H), 0.97 (d, J = 6.5 Hz, 6H); LCMS (electrospray) m/z 445.4 (M+H) ⁺ .	D

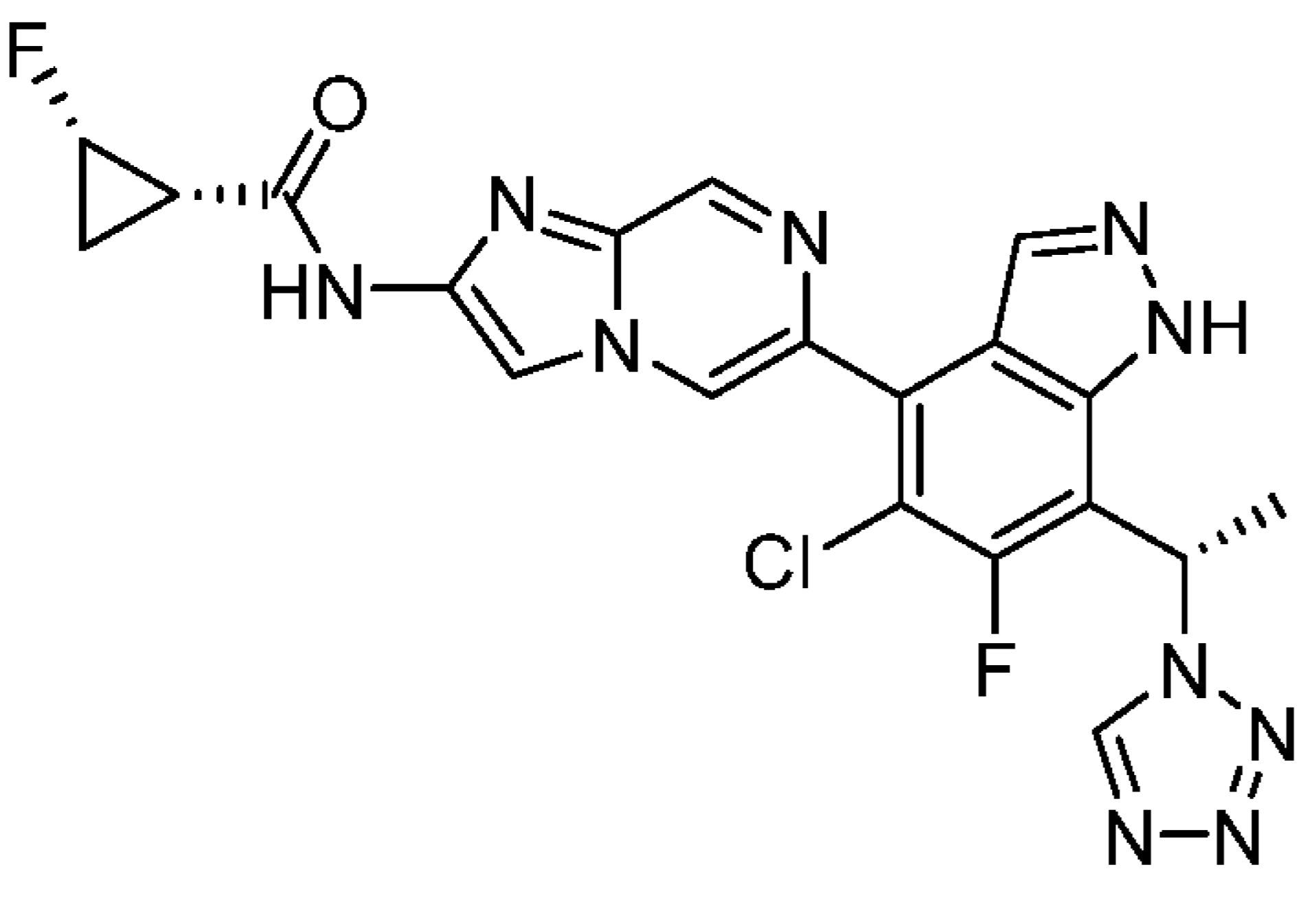
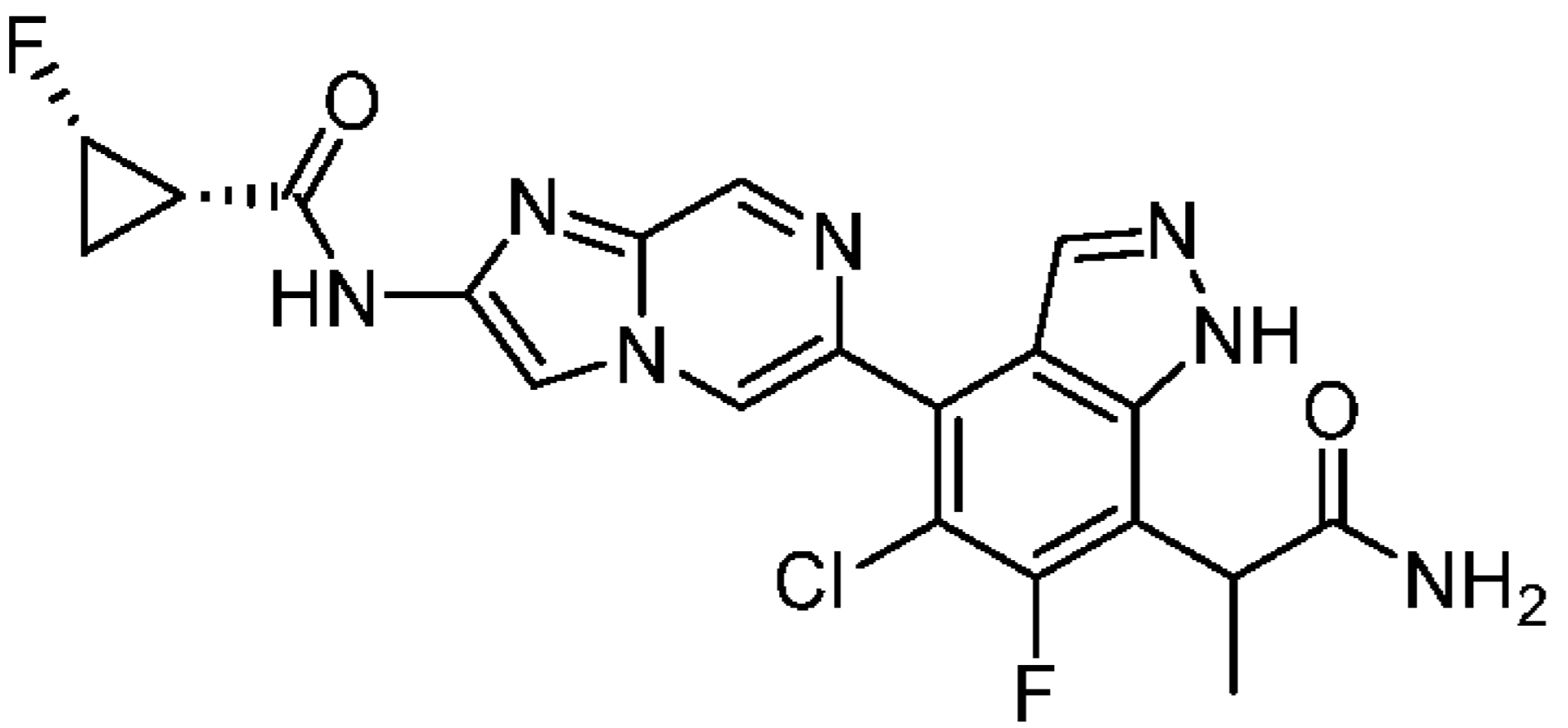
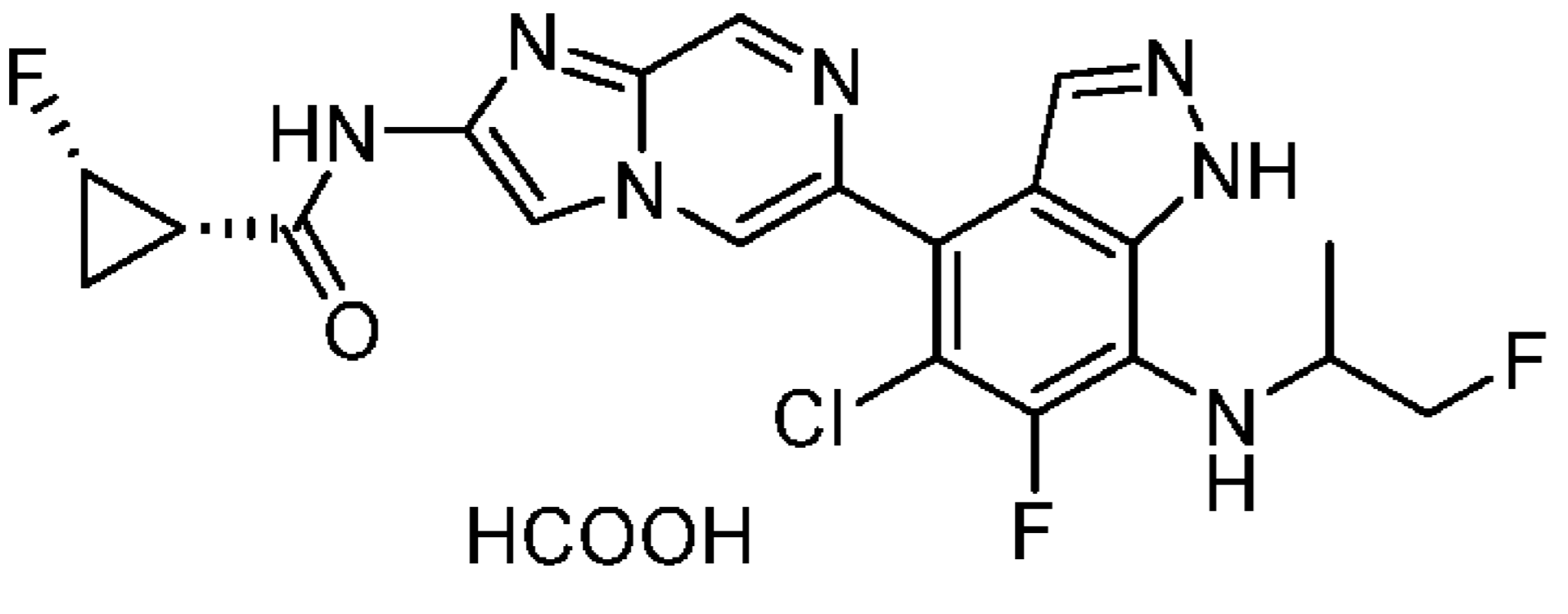
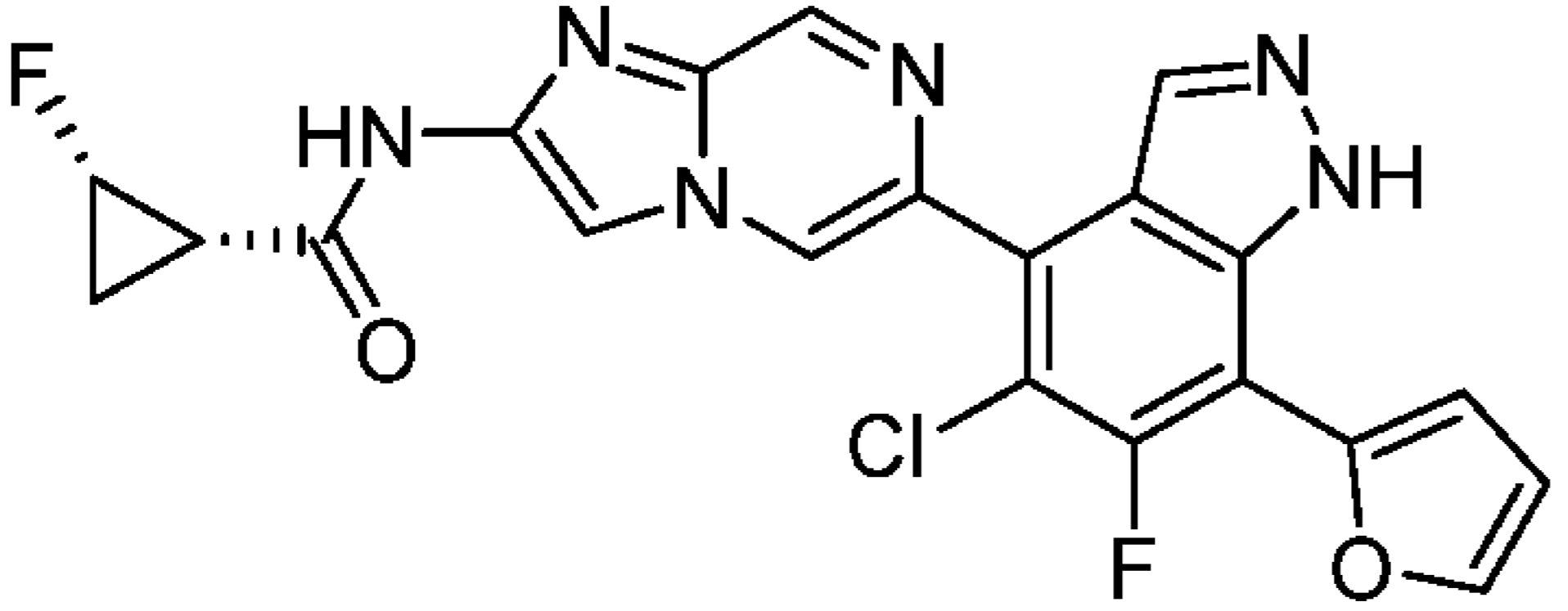
169	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxy-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.35 (s, 1H), 11.40 (br s, 1H), 9.07 (s, 1H), 9.03 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.04 (s, 1H), 5.07 - 4.85 (m, 1H), 4.55 (d, J = 7.9 Hz, 1H), 3.21 (s, 3H), 2.27 (br dd, J = 7.0, 13.5 Hz, 1H), 2.22 - 2.16 (m, 1H), 1.74 - 1.63 (m, 1H), 1.24 - 1.16 (m, 1H), 1.10 (d, J = 6.6 Hz, 3H), 0.79 (d, J = 6.7 Hz, 3H); LCMS (electrospray) m/z 475.4 (M+H) ⁺ .	D
170	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoro-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.60 (s, 1H), 11.42 (s, 1H), 9.09 (d, J = 0.6 Hz, 1H), 9.05 (d, J = 1.5 Hz, 1H), 8.46 (s, 1H), 8.40 (s, 1H), 8.11 (s, 1H), 5.92 - 5.76 (m, 1H), 5.58 (br d, J = 8.2 Hz, 1H), 5.10 - 4.85 (m, 1H), 2.21 (br dd, J = 2.1, 6.8 Hz, 1H), 1.64 - 1.60 (m, 1H), 1.56 - 1.47 (m, 1H), 1.18 (br d, J = 6.5 Hz, 3H), 0.85 (d, J = 6.7 Hz, 3H); LCMS (electrospray) m/z 463.4 (M+H) ⁺ .	D
171	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methoxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.10 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.90 (s, 1H), 8.35 (s, 1H), 7.98 - 7.92 (m, 1H), 5.29 - 4.84 (m, 2H), 3.47 (t, J = 6.17 Hz, 2H), 3.21 (s, 4H), 2.23 - 2.14 (m, 2H), 1.22 (d, J = 6.2 Hz, 4H), 1.16 (d, J = 6.9 Hz, 2H); LCMS (electrospray) m/z 443.1 (M+H) ⁺ .	D
172	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-fluorocyclobutyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.70 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.89 (s, 1H), 8.35 (s, 1H), 7.96 (br s, 1H), 5.46 - 5.20 (m, 1H), 5.11 - 4.82 (m, 1H), 4.75 - 4.44 (m, 1H), 2.70 - 2.64 (m, 1H), 2.35 - 2.30 (m, 1H), 2.26 - 2.10 (m, 2H), 1.74 - 1.60 (m, 1H), 1.20 (br dd, J = 9.0, 12.2 Hz, 2H); LCMS (electrospray) m/z 476.2 (M+H) ⁺ .	D

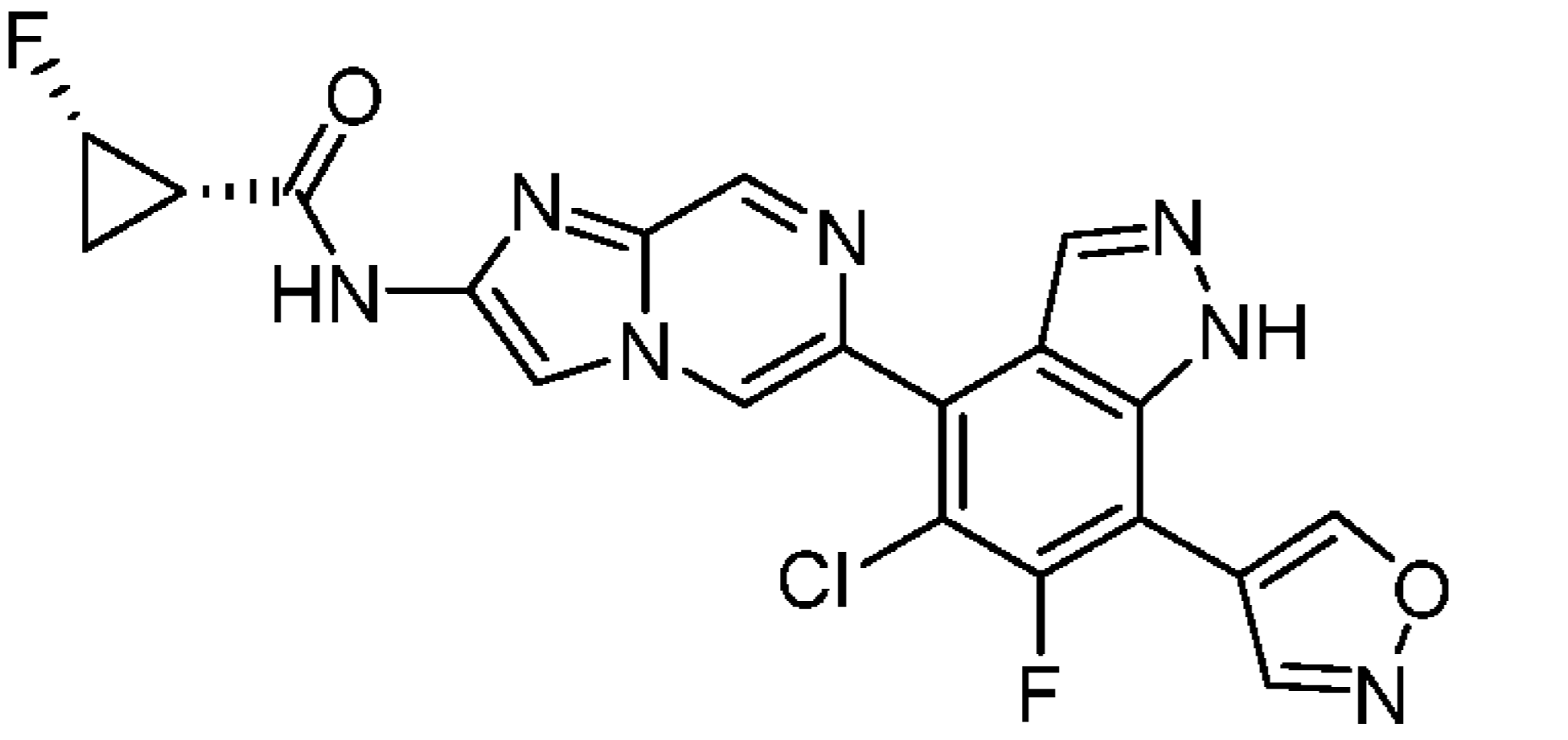
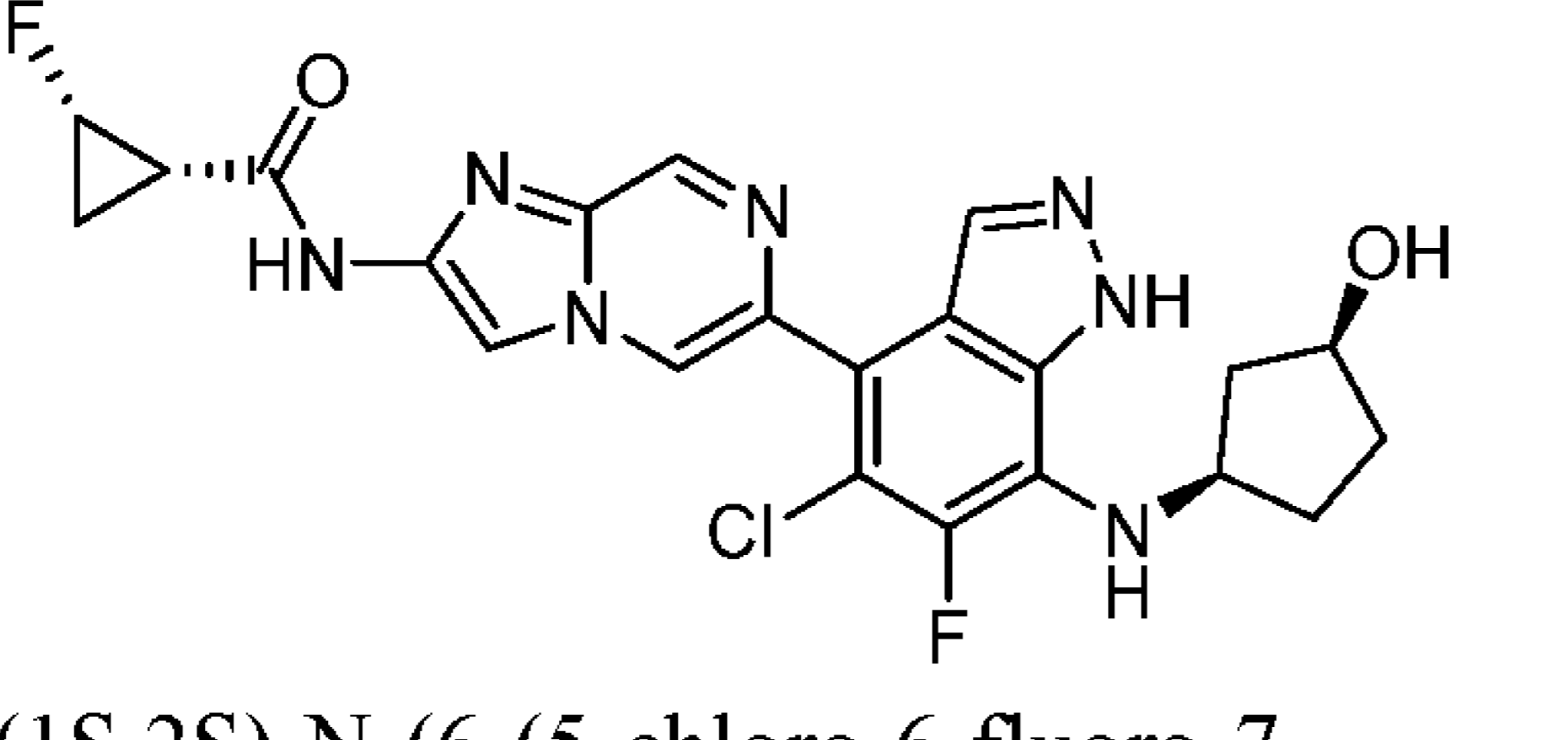
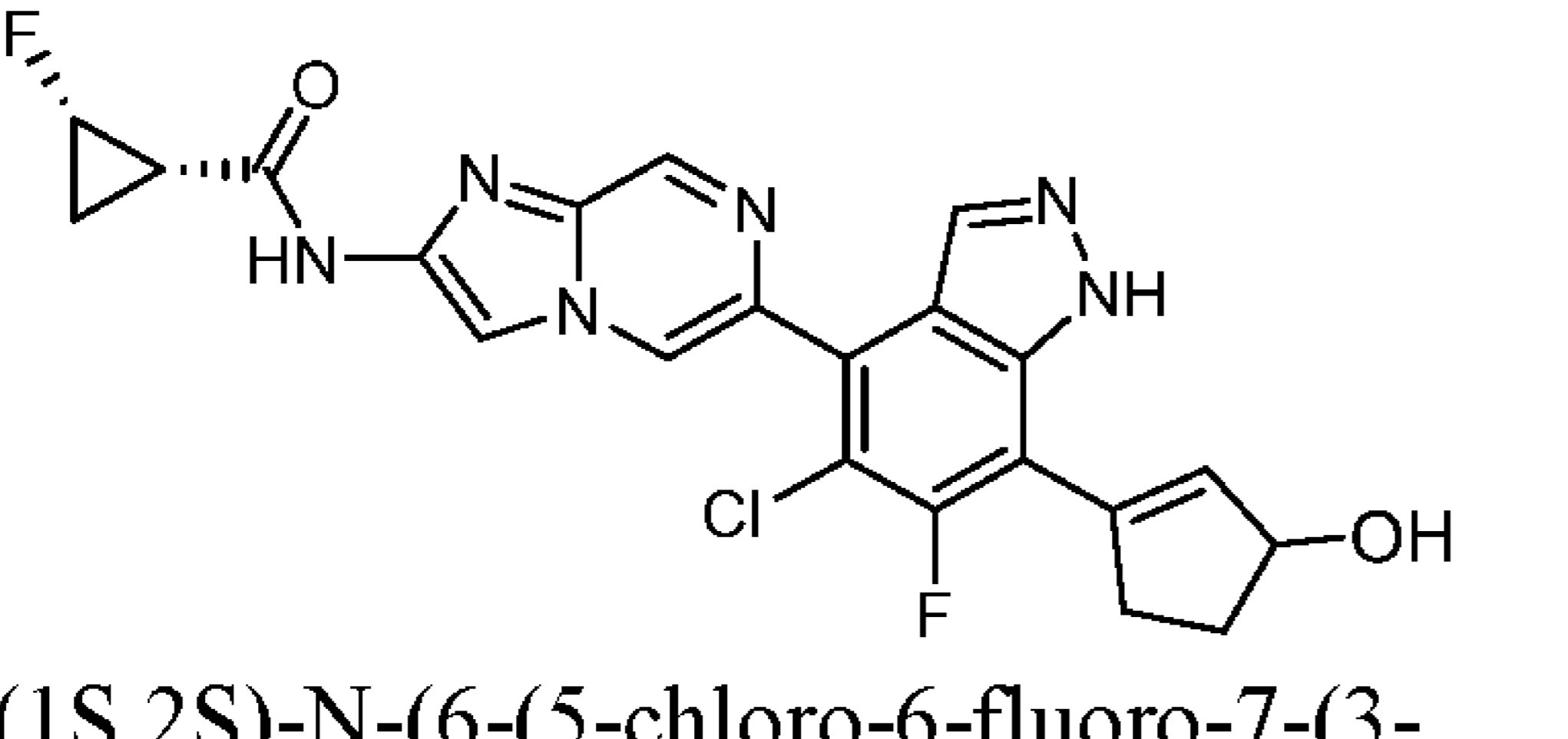
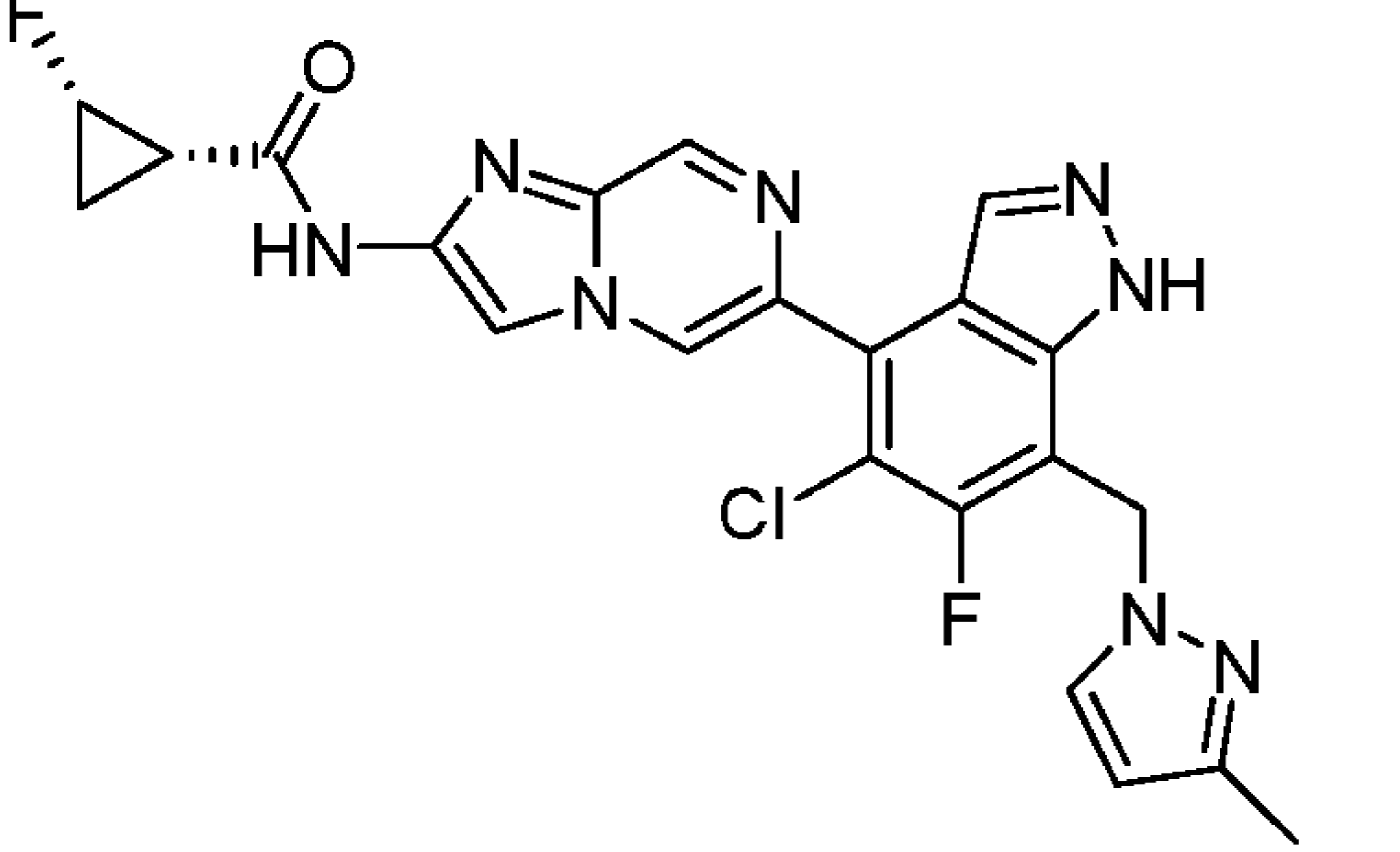
173	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methoxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.40 (s, 1H), 11.44 (s, 1H), 9.08 (s, 1H), 9.03 (s, 1H), 8.38 (s, 1H), 8.05 (s, 1H), 5.10 – 4.82 (m, 1 H), 4.26 (d, J=8.6 Hz, 1H), 3.26 (s, 3H), 2.19 (dt, J=13.2, 6.6 Hz, 1H), 1.79 - 1.62 (m, 1H), 1.35-1.11 (m, 2H), 0.77-0.53 (m, 2H), 0.51-0.21 (m, 2H); LCMS (electrospray) m/z 473.0 (M+H) ⁺ .	D
174	 <p>(1S,2S)-N-(6-(7-((E)-but-2-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.40 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.03 (s, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 6.95 – 5.97 (m, 1H), 5.07– 4.86 (m, 1H), 2.18 - 2.21 (m, 1H), 2.14 (m, 3H), 1.63 - 1.73 (m, 1H), 1.47 (m, 3H), 1.23 (m, 1H); LCMS (electrospray) m/z 443.1 (M+H) ⁺ .	D
175	 <p>(1S,2S)-N-(6-(7-(but-3-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.52 (s, 1H), 11.41 (s, 1H), 9.07 (s, 1H), 9.00 (s, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 6.20 - 6.28 (m, 1H), 5.19 (d, J= 8 Hz, 1H), 5.12 (d, J= 8 Hz, 1H), 4.87 – 5.07(m, 1H), 4.20 - 4.24 (m, 1 H), 2.16 - 2.23 (m, 1 H), 1.53 - 1.74 (m, 1 H), 1.56 (d, J= 6.8 Hz, 3 H), 0.84 - 0.88 (m, 1 H); LCMS (electrospray) m/z 443.1 (M+H) ⁺ .	D
176	 <p>(1S,2S)-N-(6-(7-(sec-butylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.03 - 13.28 (m, 1H), 11.26 - 11.42 (m, 1H), 8.99 - 9.07 (m, 1H), 8.86 - 8.95 (m, 1H), 8.32 - 8.39 (m, 1H), 7.89 - 8.04 (m, 1H), 5.25 - 4.85 (m, 1H), 3.73 - 3.99 (m, 1H), 2.14 - 2.24 (m, 1H), 1.59 - 1.74 (m, 2H), 1.45 - 1.56 (m, 1H), 1.16 - 1.25 (m, 4H) 0.91 - 0.98 (m, 3H); LCMS (electrospray) m/z 460.2 (M+H) ⁺ .	D

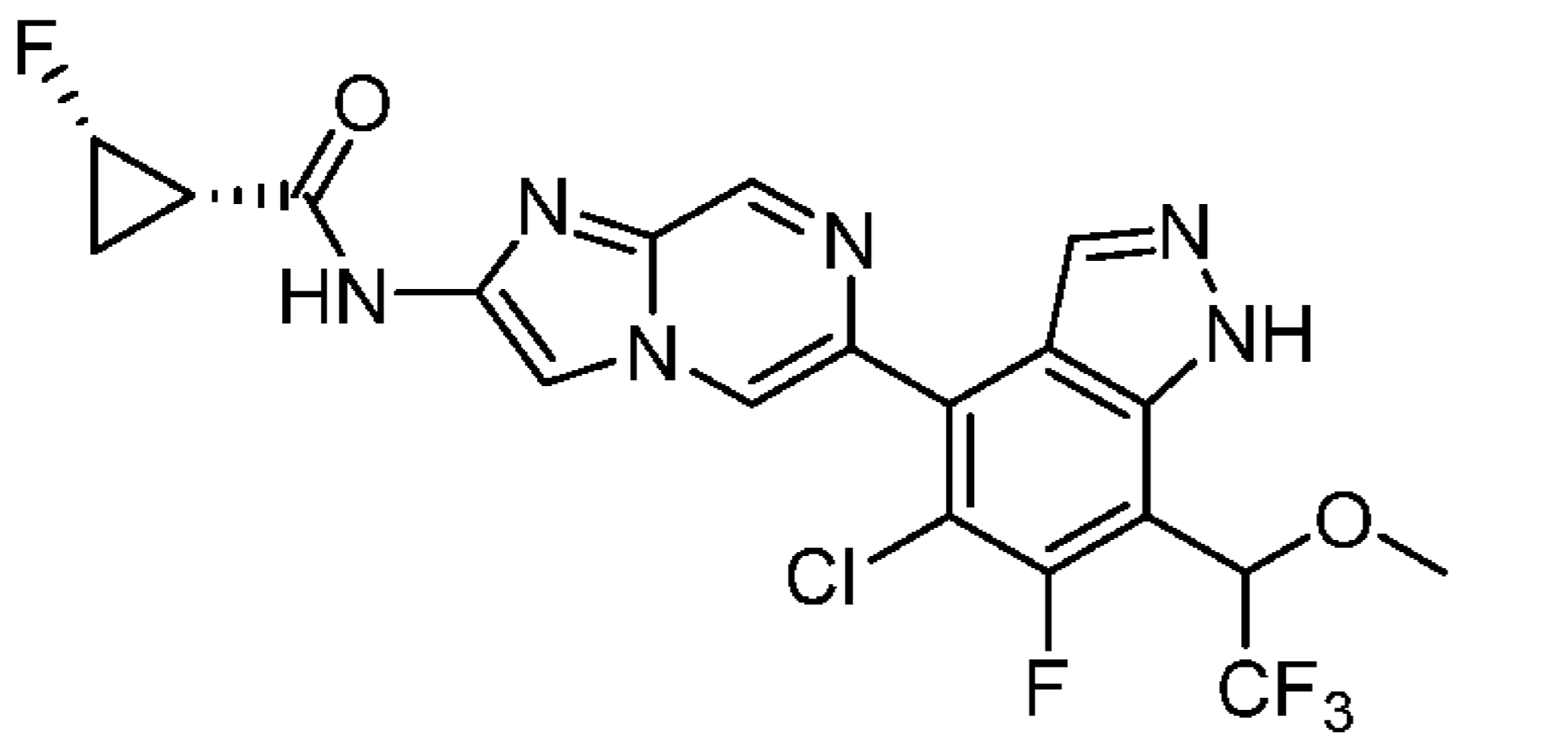
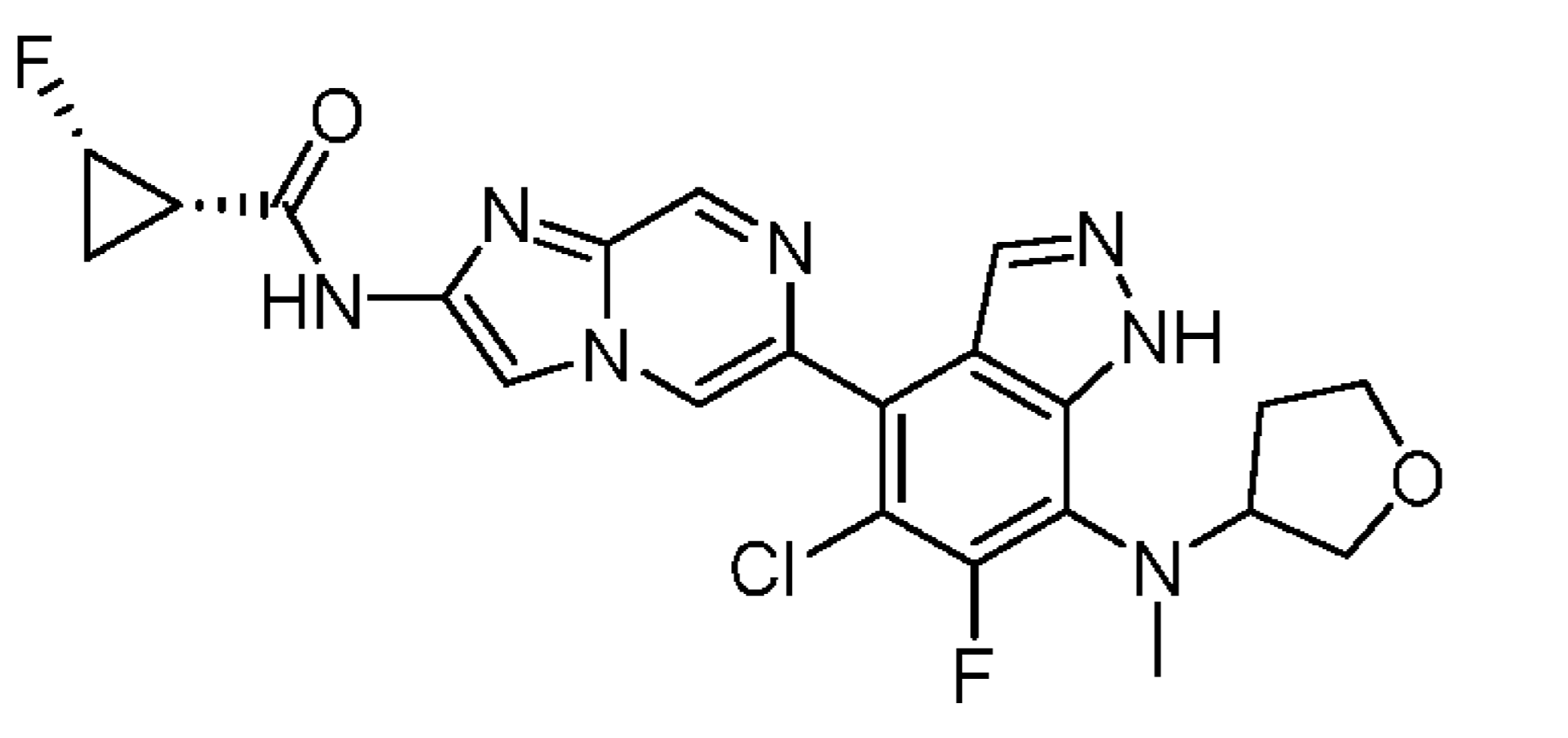
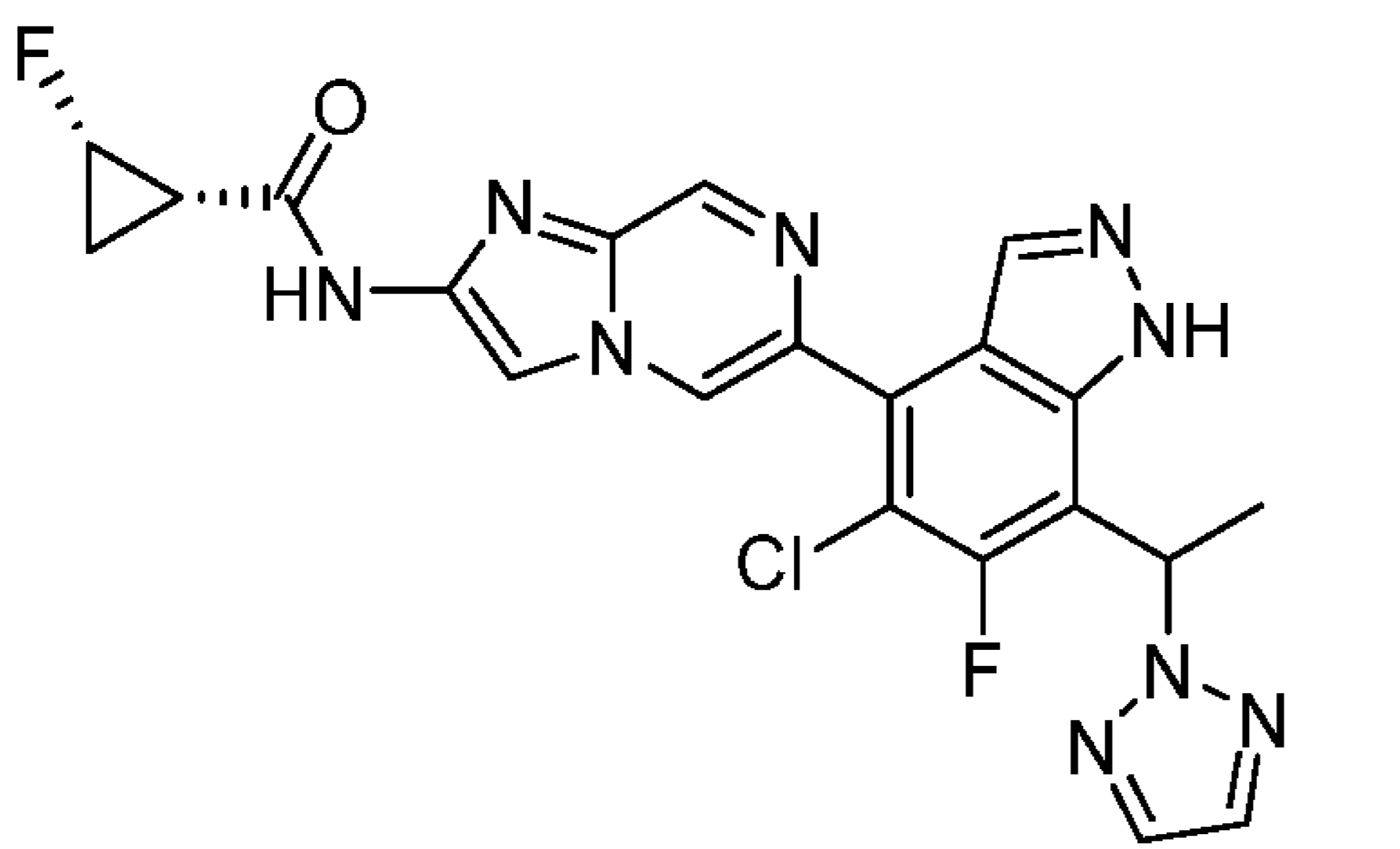
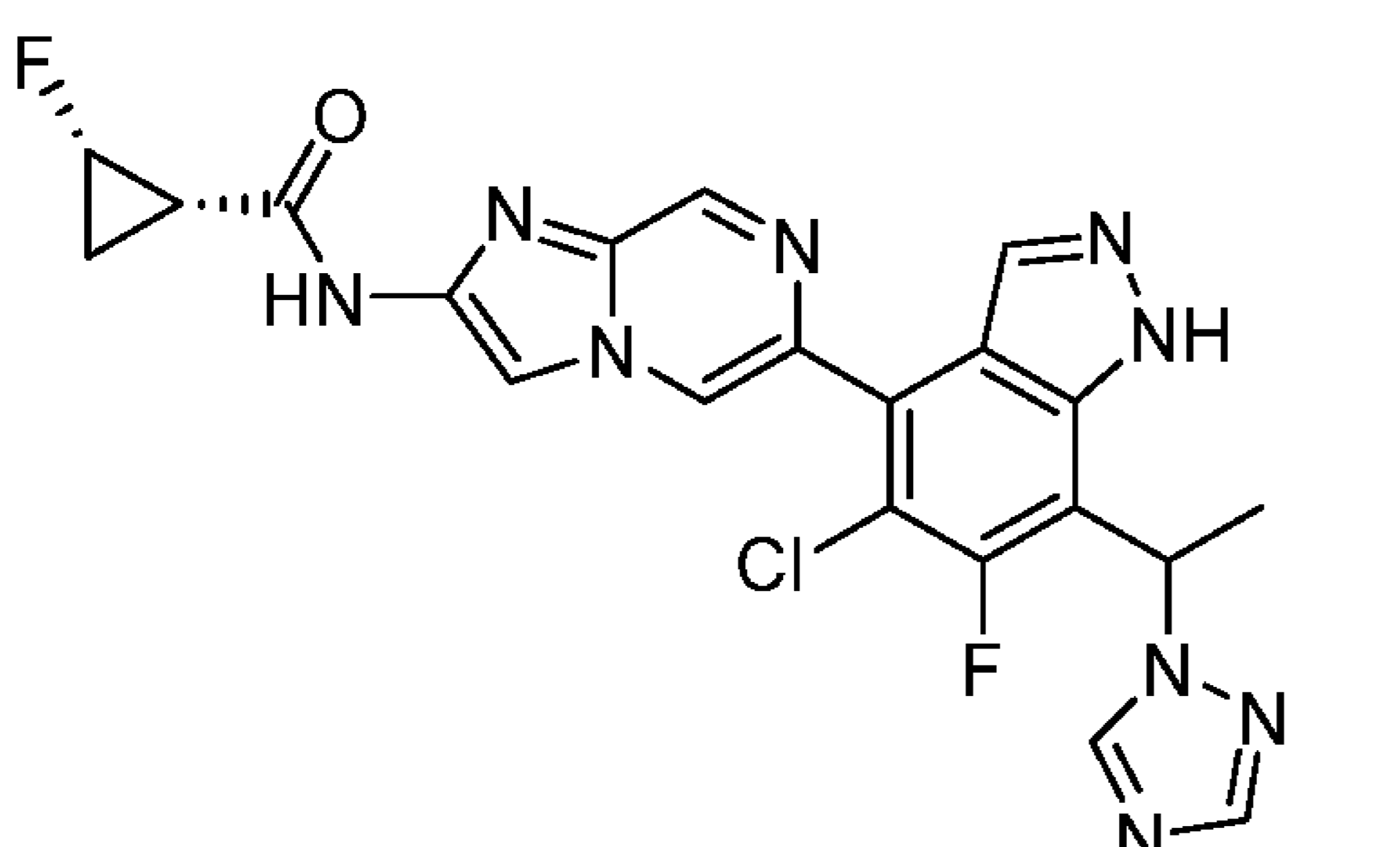
177	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methyl-1H-pyrrol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.65 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.03 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.12 (s, 1H), 6.68 (s, 1H), 5.87 (t, J = 3.0 Hz, 1H), 5.77 (s, 1H), 5.44 (s, 2H), 5.05-4.88 (m, 1H), 2.23-2.17 (m, 4H), 1.71-1.66 (m, 1H), 1.17-1.15 (m, 1H); LCMS (electrospray) m/z 482.10 (M+H) ⁺ .	D
178	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methyl-1H-imidazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.92 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.14 (s, 1H), 7.72 (s, 1H), 6.87 (s, 1H), 5.53 (s, 2H), 5.07-4.86 (m, 1H), 2.22-2.15 (m, 1H), 2.02 (s, 3H), 1.74-1.64 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 483.10 (M+H) ⁺ .	D
179	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methyl-1H-pyrazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.79 (s, 1H), 11.40 (s, 1H), 9.07 (d, J = 1.6 Hz, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.10 (s, 1H), 7.65 (s, 1H), 7.22 (s, 1H), 5.64 (s, 2H), 5.07-4.86 (m, 1H), 2.23-2.15 (m, 1H), 1.98 (s, 3H), 1.74-1.64 (m, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 483.10 (M+H) ⁺ .	D
180	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.88 (s, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 5.11-4.82 (m, 2H), 4.51-4.33 (m, 1H), 4.22-3.89 (m, 2H), 3.70 (s, 1H), 3.54-3.41 (m, 1H), 2.26-2.14 (m, 1H), 2.11-1.95 (m, 1H), 1.95-1.81 (m, 1H), 1.77-1.62 (m, 1H), 1.25-1.18 (m, 1H); LCMS (electrospray) m/z 474.10 (M+H) ⁺ .	D

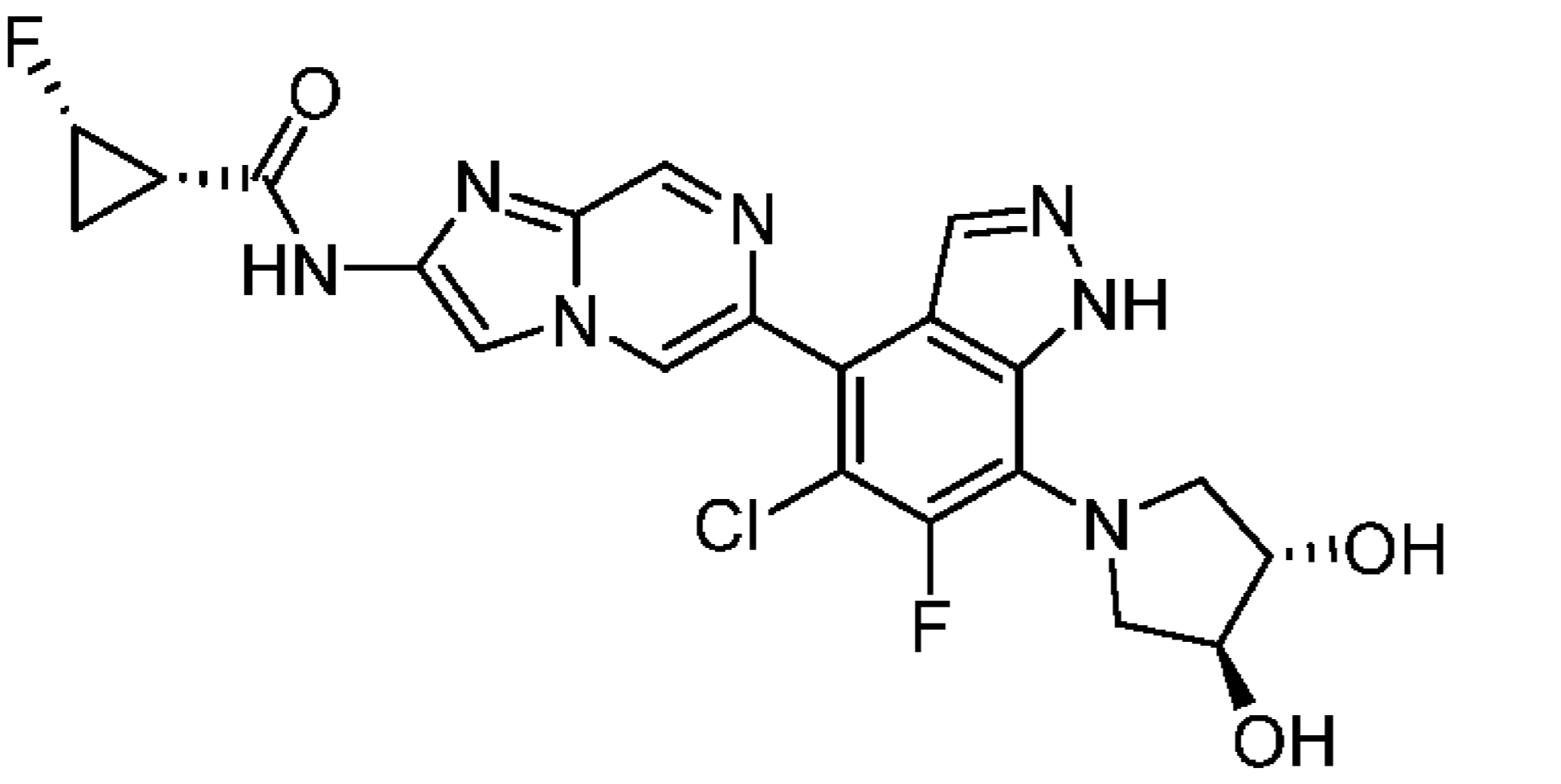
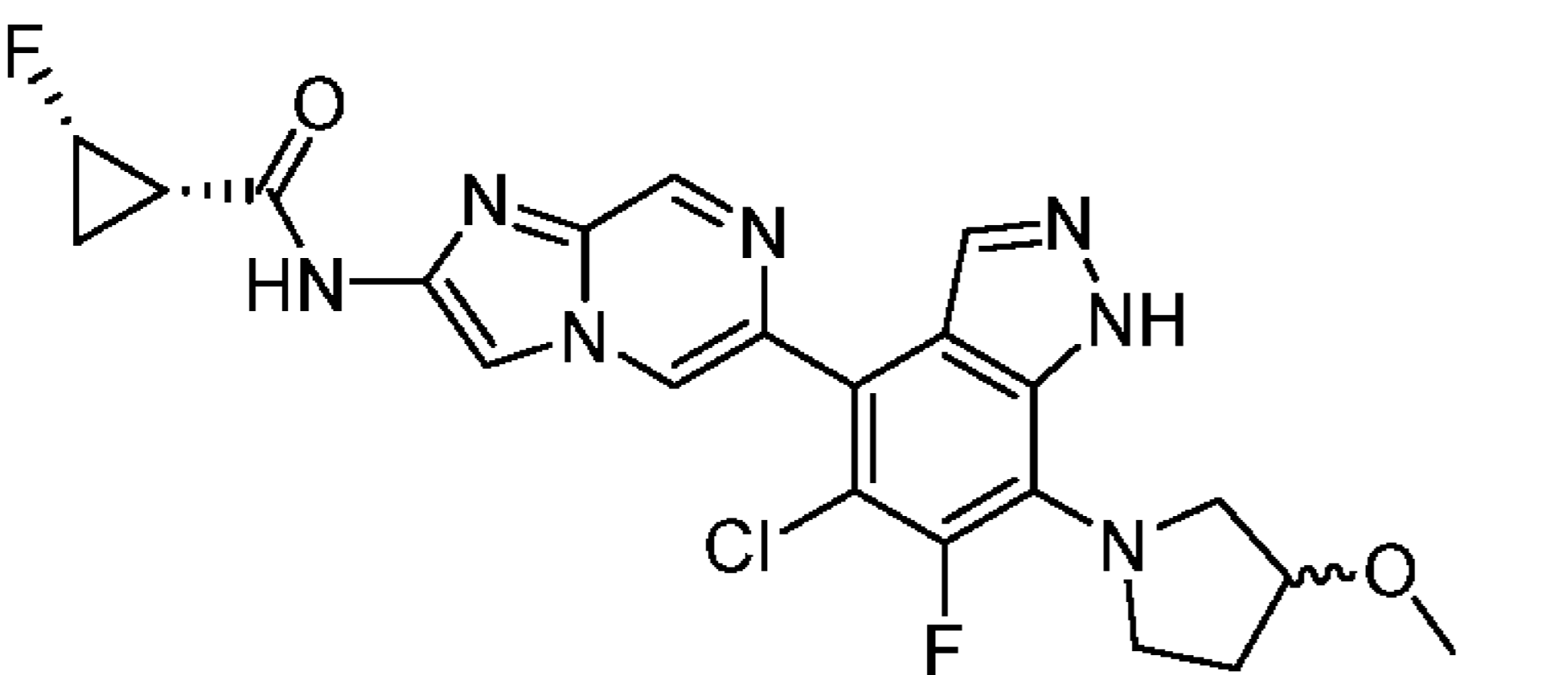
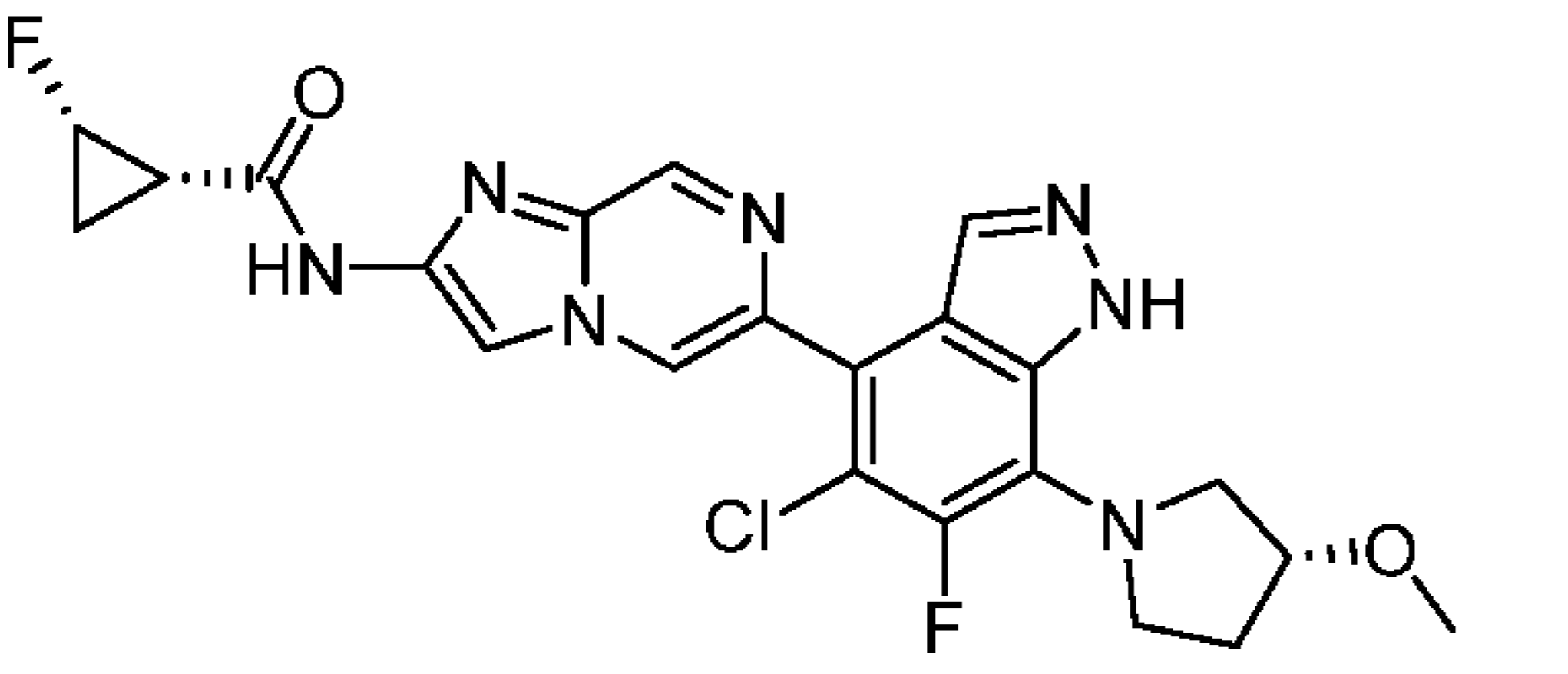
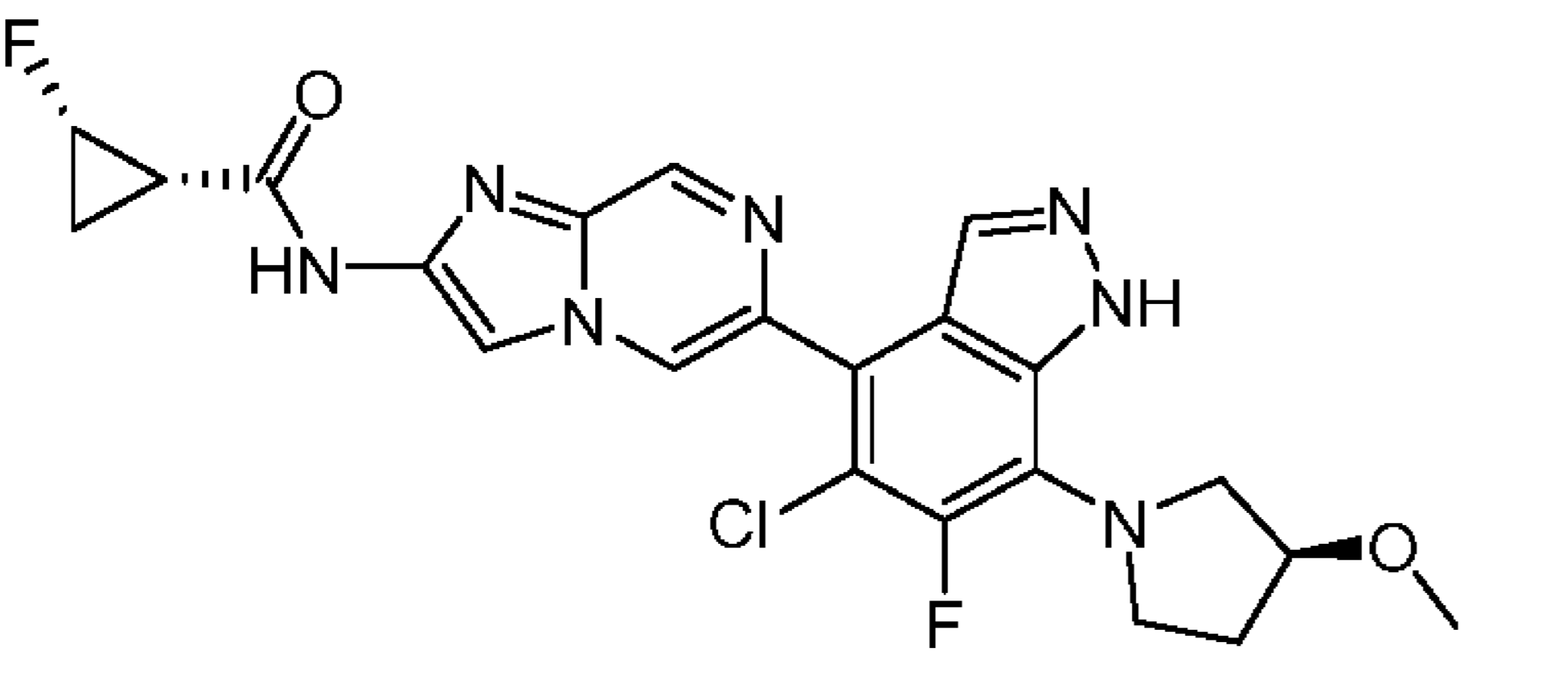
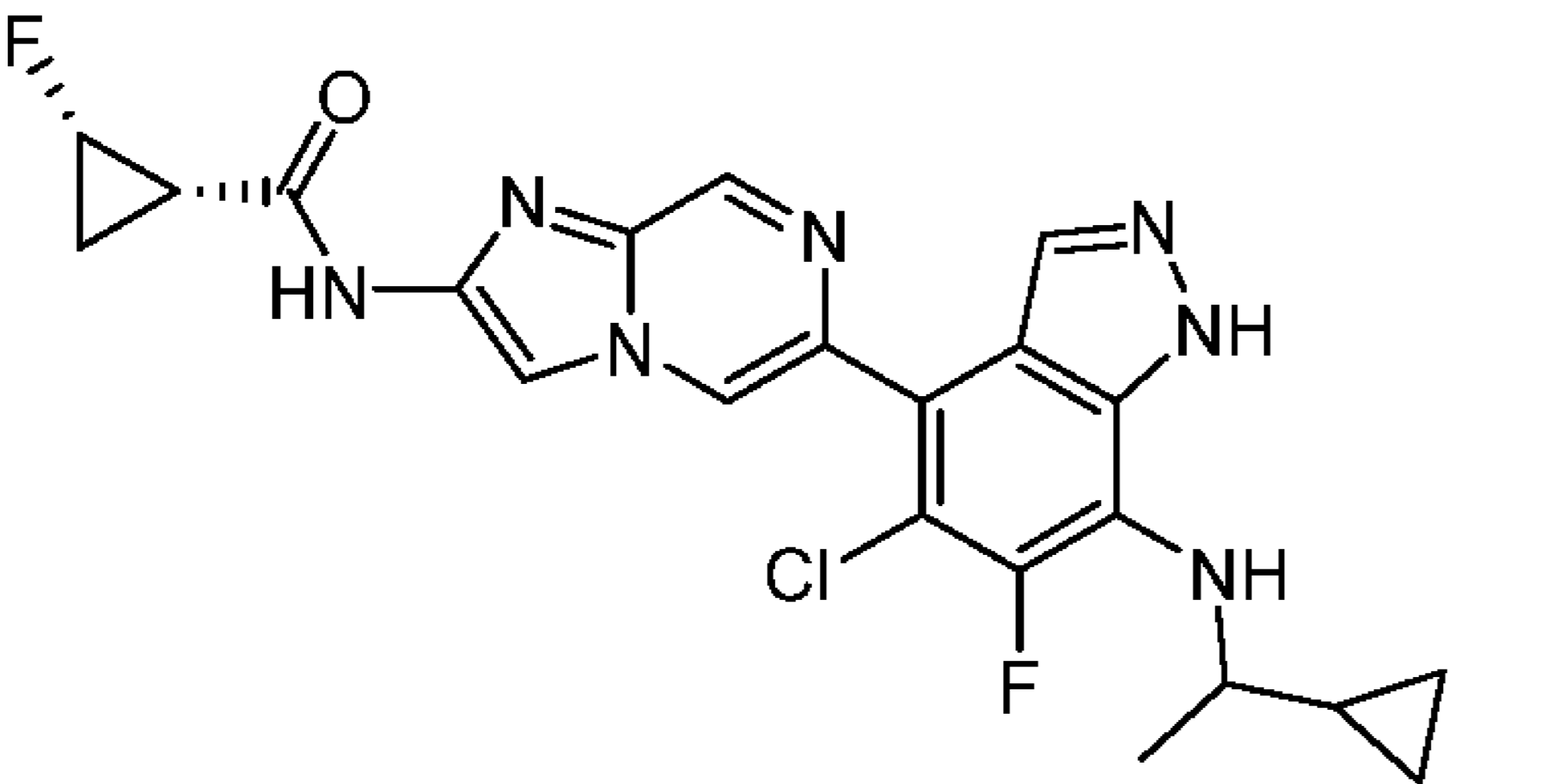
181	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-hydroxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.47 (s, 1H), 11.37 (d, J = 13.2 Hz, 1H), 9.07 (s, 1H), 8.97 (d, J = 1.6 Hz, 1H), 8.39 (d, J = 4.4 Hz, 1H), 8.02 (d, J = 1.1 Hz, 1H), 7.53 (d, J = 12.6 Hz, 0H), 5.07-4.86 (m, 2H), 4.53-4.42 (m, 1H), 3.48 (dd, J = 18.7, 8.2 Hz, 1H), 2.33-2.01 (m, 4H), 1.99-1.61 (m, 6H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 473.10 (M+H) ⁺ .	D
182	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((tetrahydrofuran-3-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.32 (s, 1H), 8.98 (d, J = 8.2 Hz, 1H), 8.85 (d, J = 10.4 Hz, 1H), 8.31 (d, J = 6.6 Hz, 1H), 7.92 (s, 1H), 5.60 (d, J = 8.2 Hz, 1H), 5.01-4.82 (m, 1H), 4.53 (s, 1H), 3.93-3.81 (m, 2H), 3.75-3.67 (m, 2H), 2.24-2.11 (m, 2H), 1.88 (d, J = 9.3 Hz, 1H), 1.67-1.61 (m, 1H), 1.19-1.12 (m, 1H); LCMS (electrospray) m/z 475.1 (M+H) ⁺ .	D
183	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methoxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.58 (s, 1H), 11.38 (d, J = 13.2 Hz, 1H), 9.07 (s, 1H), 8.99 (t, J = 1.9 Hz, 1H), 8.38 (s, 1H), 8.04 (d, J = 1.1 Hz, 1H), 5.07-4.86 (m, 1H), 4.20 (q, J = 5.9 Hz, 1H), 3.61 (q, J = 8.2 Hz, 1H), 3.15-3.10 (m, 3H), 2.23-2.08 (m, 4H), 1.97-1.64 (m, 6H), 1.27-1.16 (m, 2H); LCMS (electrospray) m/z 486.90 (M+H) ⁺ .	D
184	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1S,3S)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.12 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.90 (s, 1H), 8.34 (s, 1H), 7.94 (s, 1H), 5.34 (d, J = 7.7 Hz, 1H), 5.09-4.82 (m, 1H), 4.55 (d, J = 3.3 Hz, 1H), 4.50-4.38 (m, 1H), 4.35-4.21 (m, 1H), 2.26-2.08 (m, 2H), 2.04-1.87 (m, 2H), 1.81-1.62 (m, 2H), 1.59-1.44 (m, 2H), 1.22-1.11 (m, 1H); LCMS (electrospray) m/z 488.10 (M+H) ⁺ .	D
185	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-(1-methylpropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.24 (br s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (s, 1H), 8.38 (s, 1H), 8.08 (br s, 1H), 5.09 - 4.84 (m, 1H), 4.61 (q, J=7.0 Hz, 1H), 2.87 (d, J=3.2 Hz, 6H), 2.24 - 2.12 (m, 1H), 1.77 - 1.62 (m, 1H), 1.50 (d, J=7.0 Hz, 3H), 1.27 - 1.15 (m, 1H); LCMS (electrospray) m/z	D

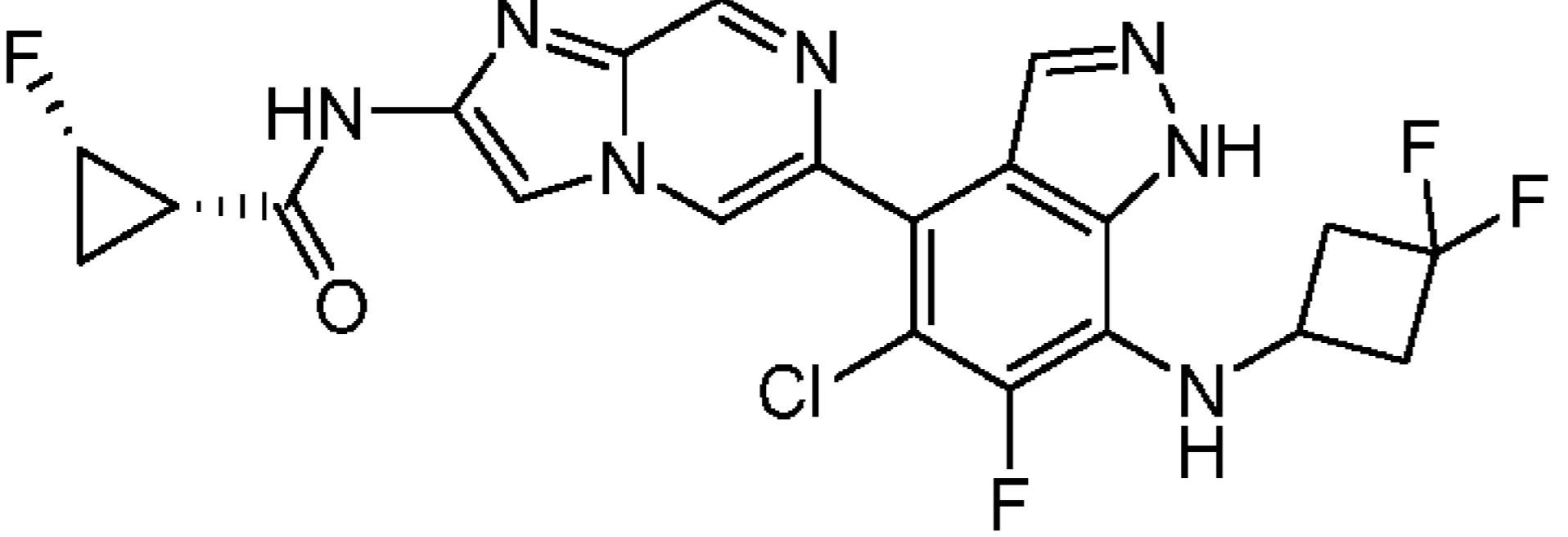
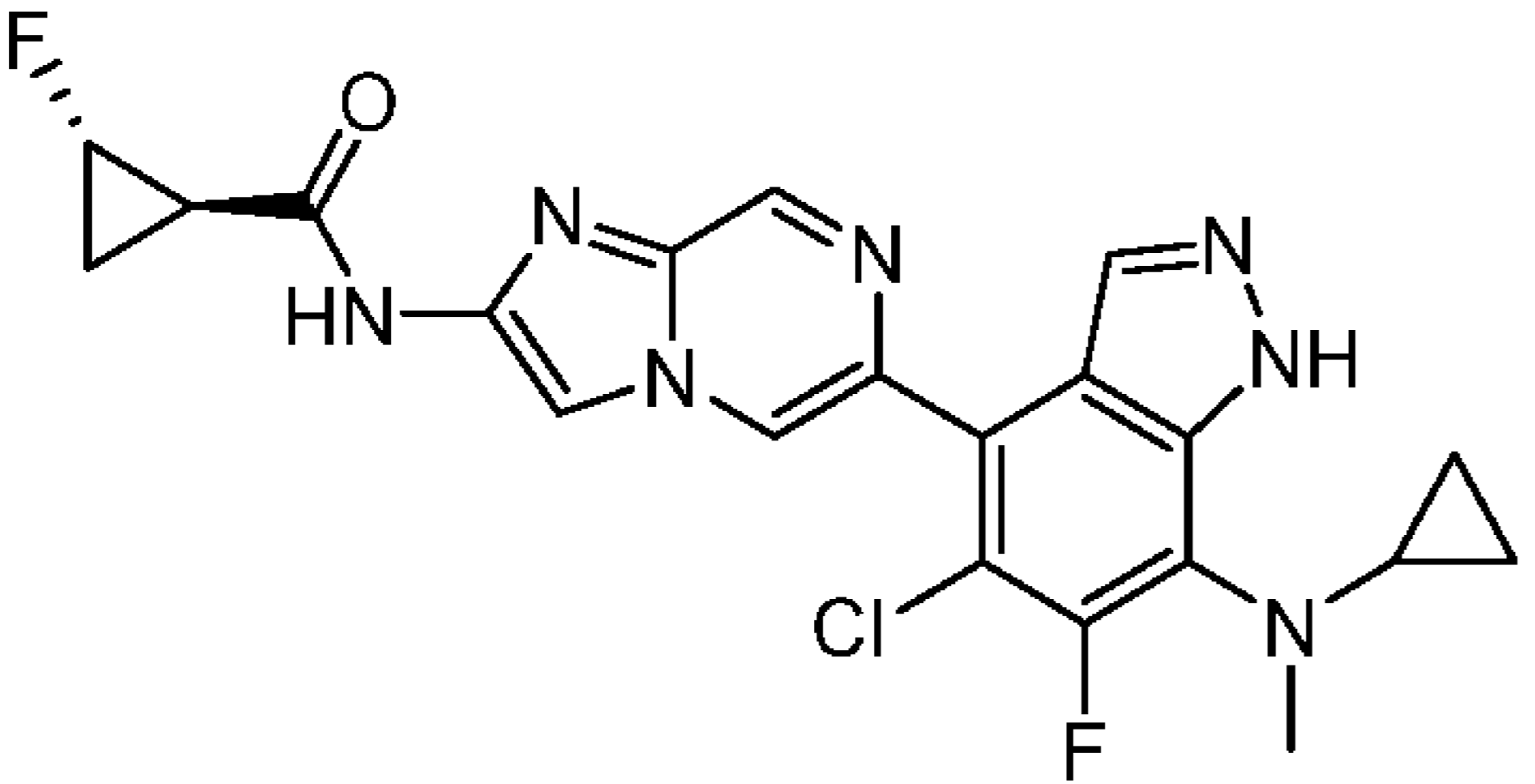
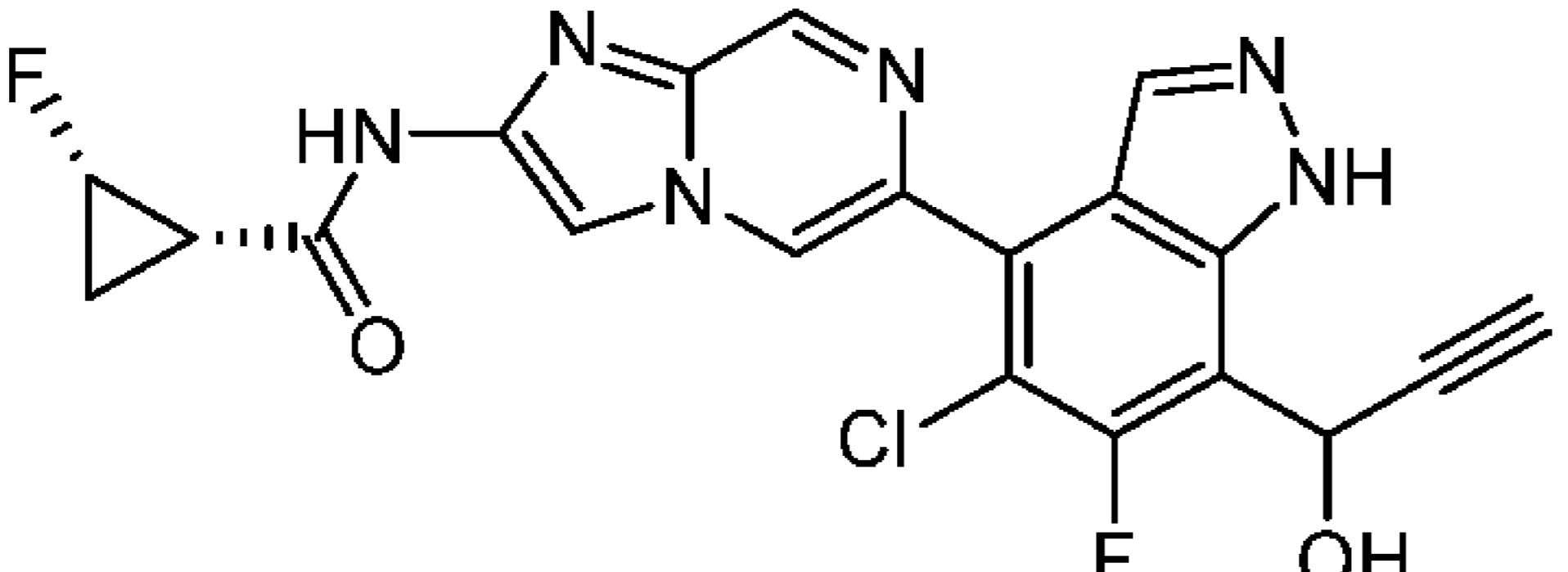
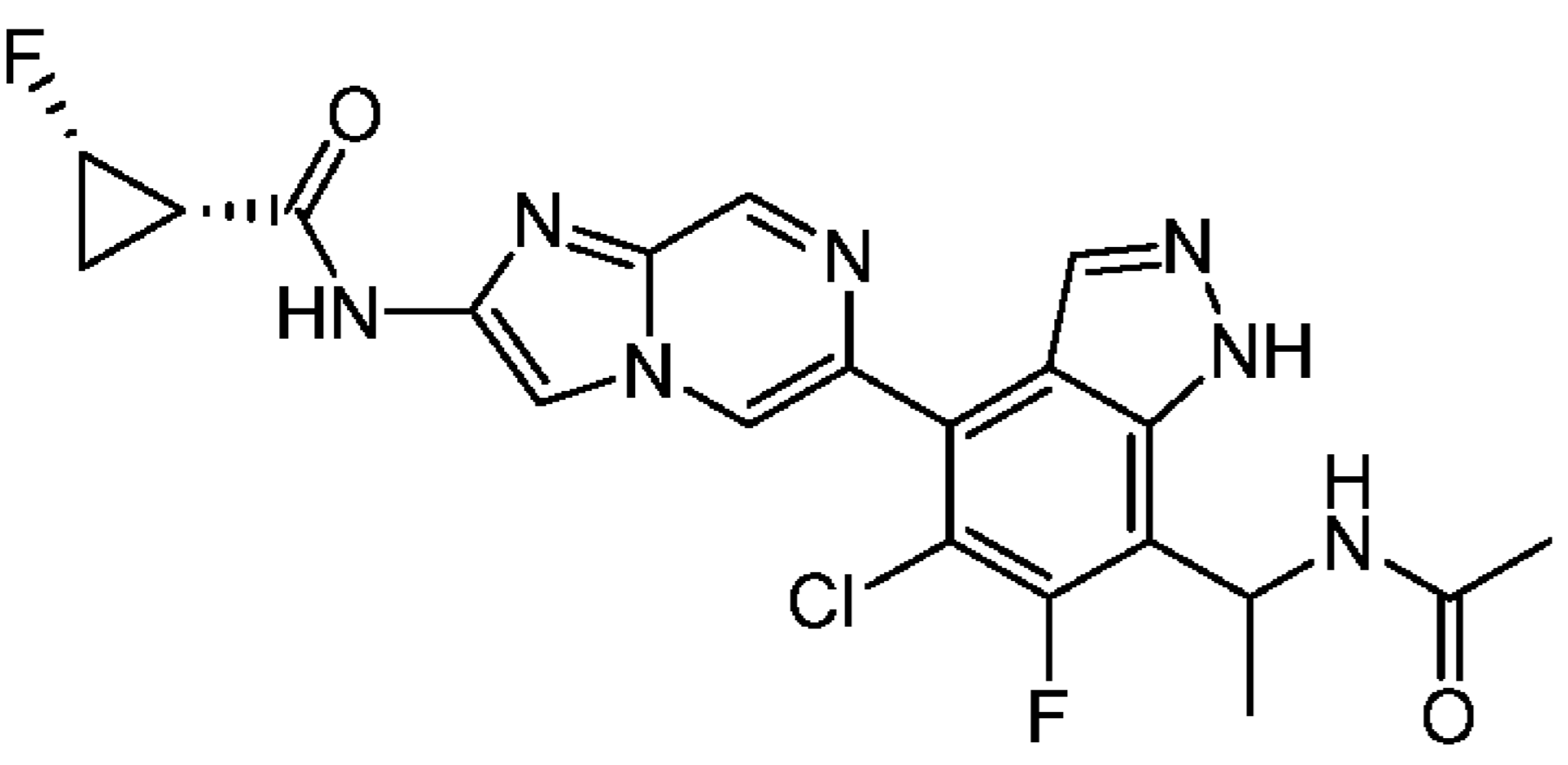
	(dimethylamino)-1-oxopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	488.1 (M+H)+.	
186	 <p>(1S,2S)-N-(6-(7-((R)-1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 14.04 - 13.53 (m, 1H), 11.40 (s, 1H), 9.08 (s, 1H), 9.06 - 8.96 (m, 2H), 8.39 (s, 1H), 8.18 (br s, 1H), 6.79 (q, J = 6.9 Hz, 1H), 5.11 - 4.77 (m, 1H), 2.28 (br d, J = 6.9 Hz, 3H), 2.22 - 2.16 (m, 1H), 1.77 - 1.63 (m, 1H), 1.22 - 1.15 (m, 1H); LCMS (electrospray) m/z 485.1 (M+H)+.	D
187	 <p>(1S,2S)-N-(6-(7-((S)-1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.72 (s, 1H), 11.40 (s, 1H), 9.08 (s, 1H), 9.03 (s, 2H), 8.39 (s, 1H), 8.15 (s, 1H), 6.79 (br d, J = 7.0 Hz, 1H), 5.08 - 4.81 (m, 1H), 2.28 (br d, J = 7.0 Hz, 3H), 2.22 - 2.16 (m, 1H), 1.73 - 1.64 (m, 1H), 1.23 - 1.17 (m, 1H); LCMS (electrospray) m/z 485.1 (M+H)+.	D
188	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-cyanoethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 14.11 - 13.66 (m, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.03 (s, 1H), 8.52 (br s, 1H), 8.40 (s, 1H), 8.18 (s, 1H), 5.11 - 4.79 (m, 2H), 2.20 (br s, 1H), 1.75 (br d, J = 7.1 Hz, 3H), 1.67 (br s, 1H), 1.27 - 1.16 (m, 1H); LCMS (electrospray) m/z 442.3 (M+H)+.	D
189	 <p>(1S,2S)-N-(6-(7-((R)-1-(1H-tetrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.97 - 13.60 (m, 1H), 11.40 (s, 1H), 9.76 (s, 1H), 9.08 (s, 1H), 9.02 (d, J = 1.1 Hz, 1H), 8.39 (s, 1H), 8.20 (br s, 1H), 6.60 (q, J = 7.0 Hz, 1H), 5.08 - 4.83 (m, 1H), 2.24 - 2.13 (m, 4H), 1.74 - 1.63 (m, 1H), 1.23 - 1.16 (m, 1H); LCMS (electrospray) m/z 485.4 (M+H)+.	D

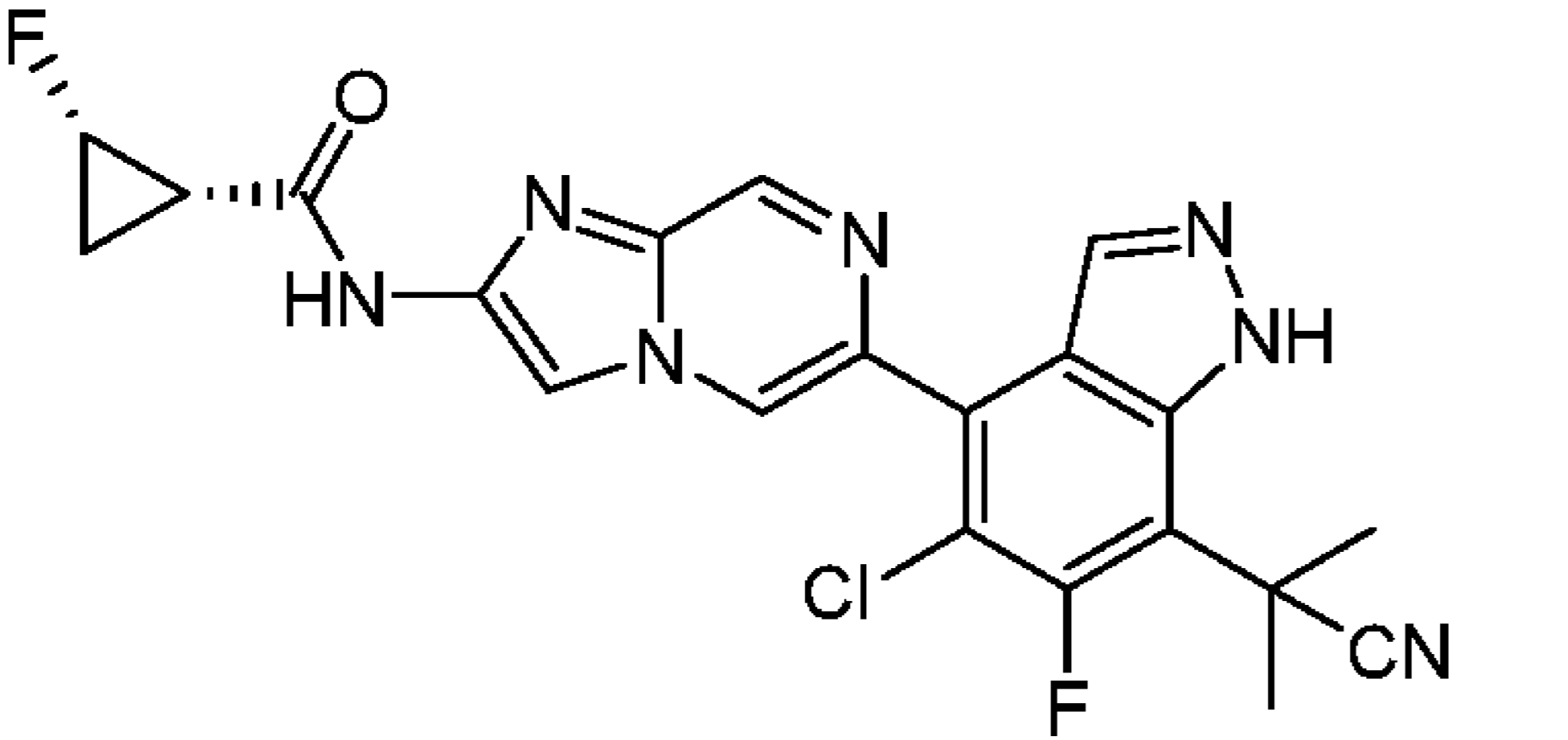
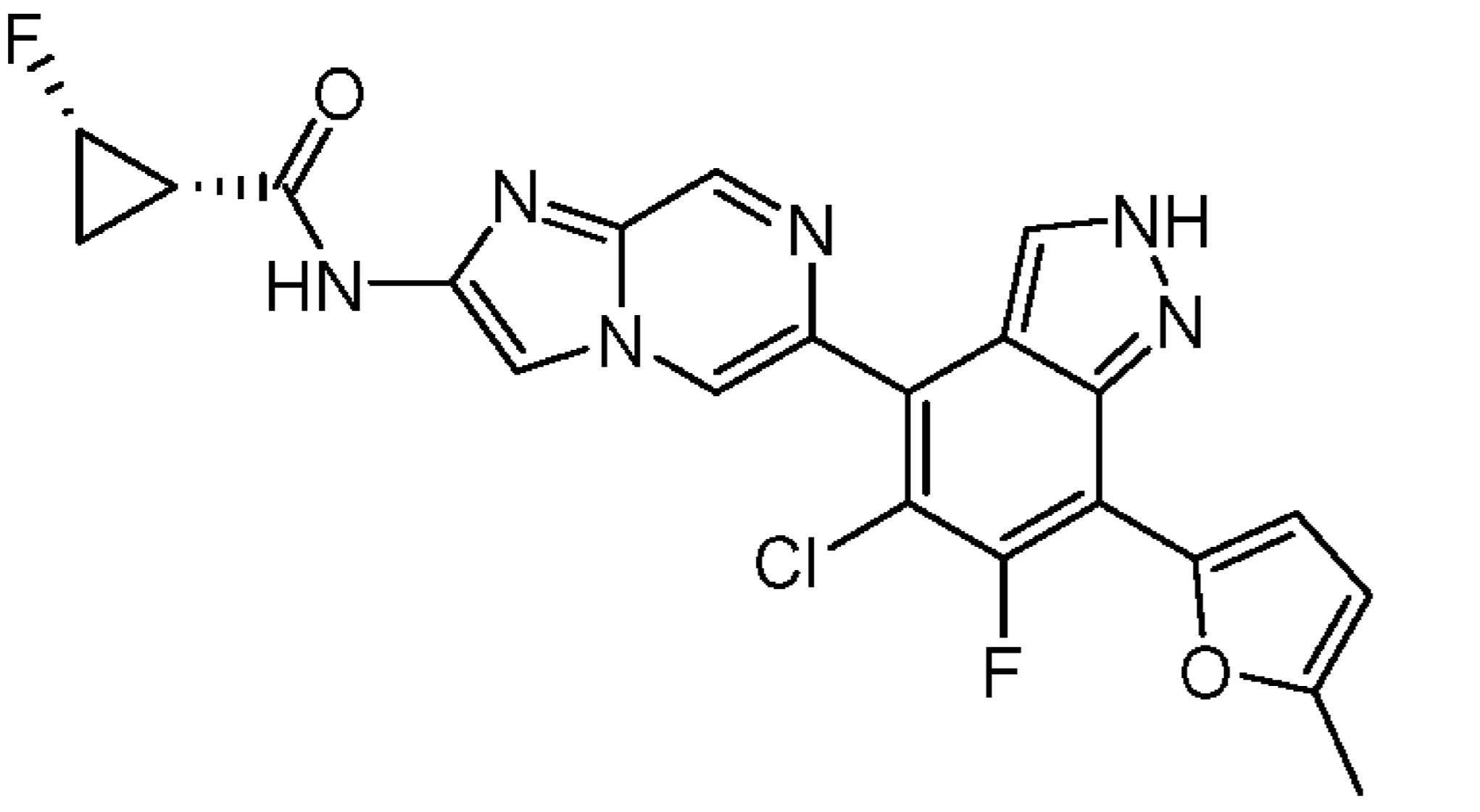
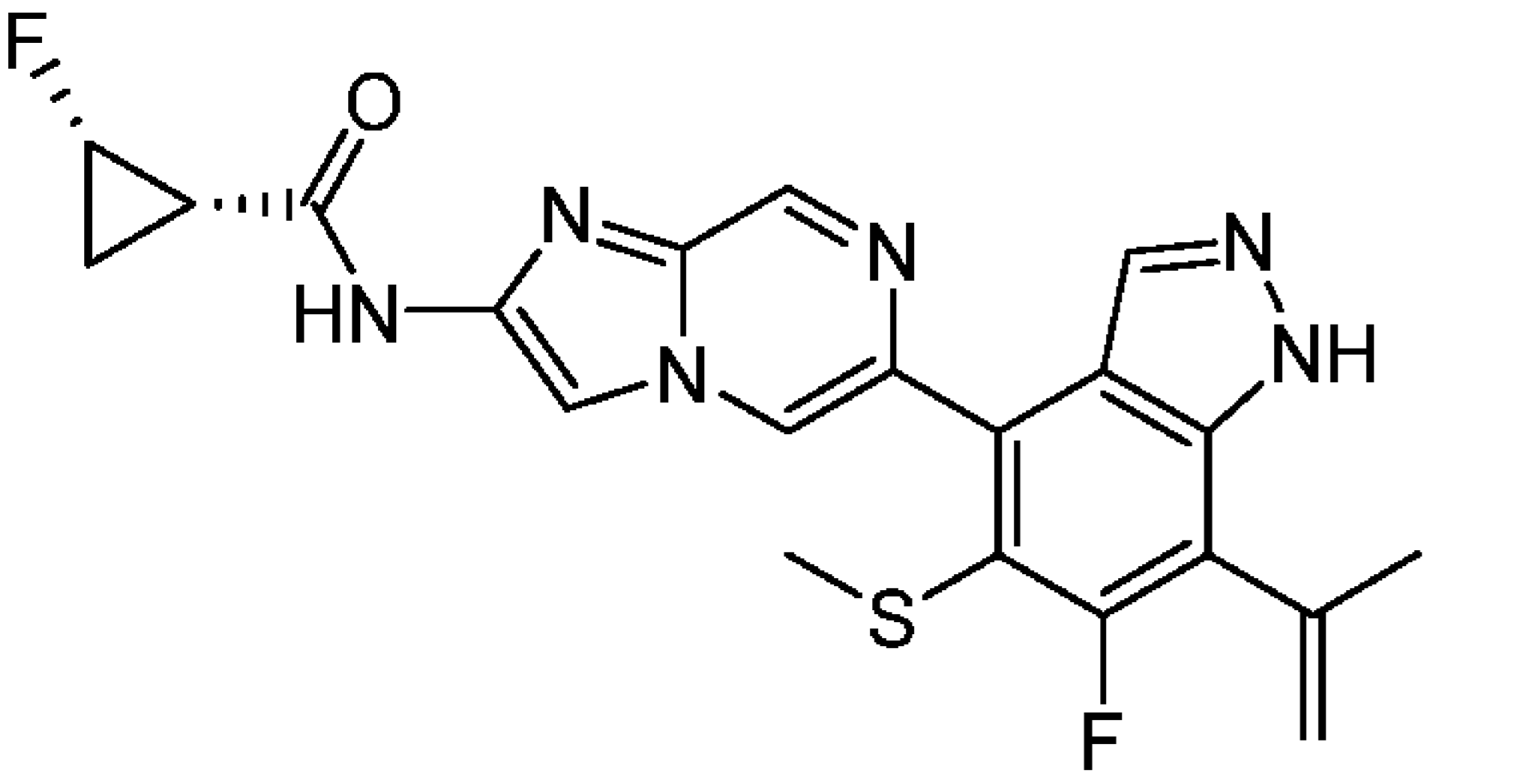
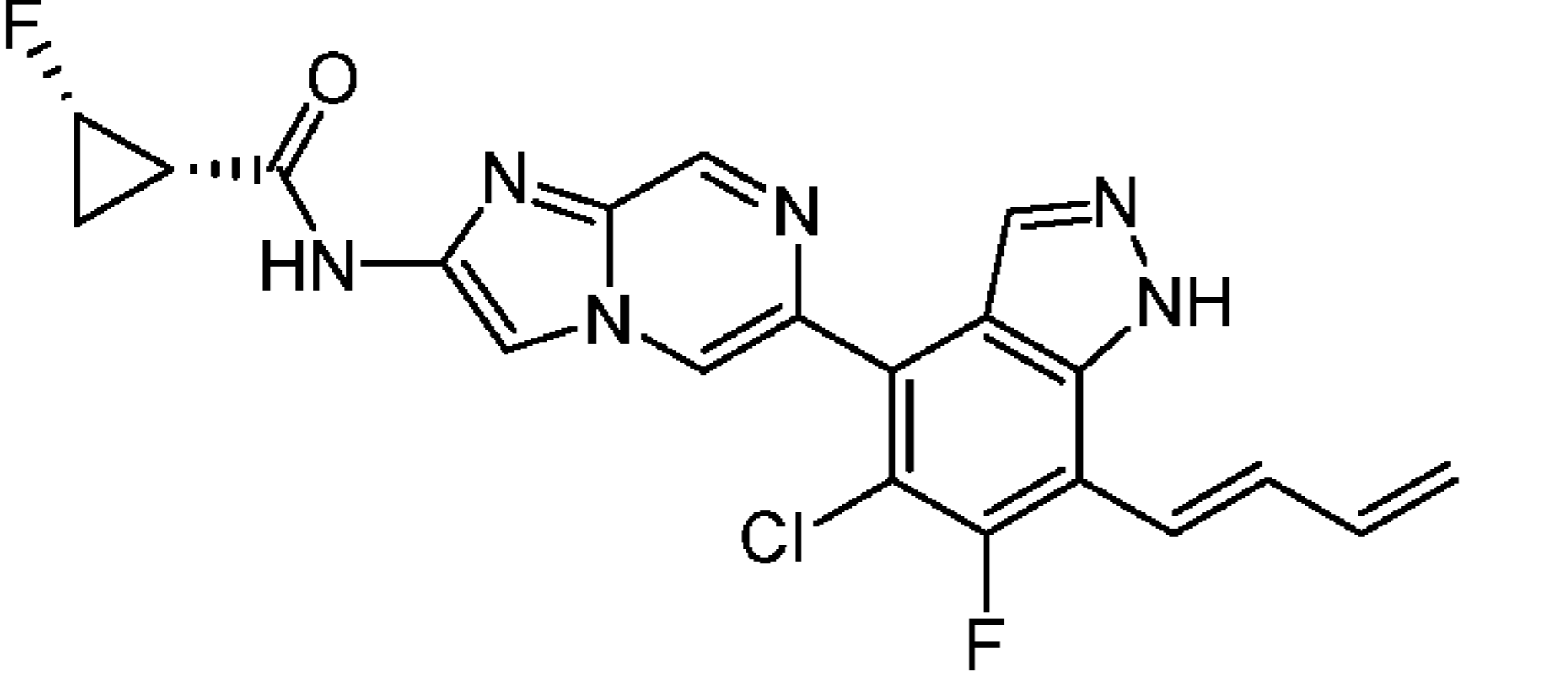
	yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		
190	 <p>(1S,2S)-N-(6-(7-((S)-1-(1H-tetrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 14.15 - 13.21 (m, 1H), 11.40 (s, 1H), 11.33 (s, 1H), 9.76 (s, 1H), 9.38 (s, 1H), 9.08 (s, 1H), 9.02 (s, 1H), 8.98 (s, 1H), 8.45 (s, 1H), 8.39 (s, 1H), 8.20 (br s, 1H), 7.77 (s, 1H), 6.59 (q, J = 7.0 Hz, 1H), 5.08 - 4.83 (m, 1H), 2.19 - 2.14 (m, 1H), 1.74 - 1.63 (m, 1H), 1.19 (br d, J = 8.5 Hz, 1H); LCMS (electrospray) m/z 485.4 (M+H) ⁺ .	D
191	 <p>(1S,2S)-N-(6-(7-(1-amino-1-oxopropan-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.29 (br s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.98 (s, 1H), 8.40 (s, 1H), 8.05 (br s, 1H), 7.48 (br s, 1H), 7.16 (br s, 1H), 5.11 - 4.78 (m, 1H), 4.25 (br d, J=7.4 Hz, 1H), 2.19 (br s, 1H), 1.78 - 1.62 (m, 1H), 1.55 (br d, J=7.0 Hz, 3H), 1.20 (br s, 1H); LCMS (electrospray) m/z 460.0 (M+H) ⁺ .	D
192	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-fluoropropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.68 (s, 1H), 11.52 (s, 1H), 9.07 (s, 1H), 8.96 (s, 1H), 8.51 (s, 1H), 8.39 (s, 1H), 6.08 (s, 1H), 5.33-4.68 (m, 1H), 4.13-3.96 (m, 1H), 2.23-2.14 (m, 1H), 1.77 - 1.60 (m, 1H), 1.42-1.28 (m, 1H), 1.26-1.10 (m, 1H); LCMS (electrospray) m/z 464.1 (M+H) ⁺ .	D
193	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(furan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.70 (br s, 1H), 11.41 (s, 1H), 9.09 (s, 1H), 9.06 (s, 1H), 8.40 (s, 1H), 8.16 (s, 1H), 7.97 (s, 1H), 7.18 (br s, 1H), 6.82 (dd, J = 1.7, 3.2 Hz, 1H), 5.10 - 4.82 (m, 1H), 2.20 (td, J = 6.8, 13.7 Hz, 1H), 1.76 - 1.63 (m, 1H), 1.21 (tdd, J = 6.2, 8.9, 12.3 Hz, 1H); LCMS (electrospray) m/z 455.0 (M+H) ⁺ .	D

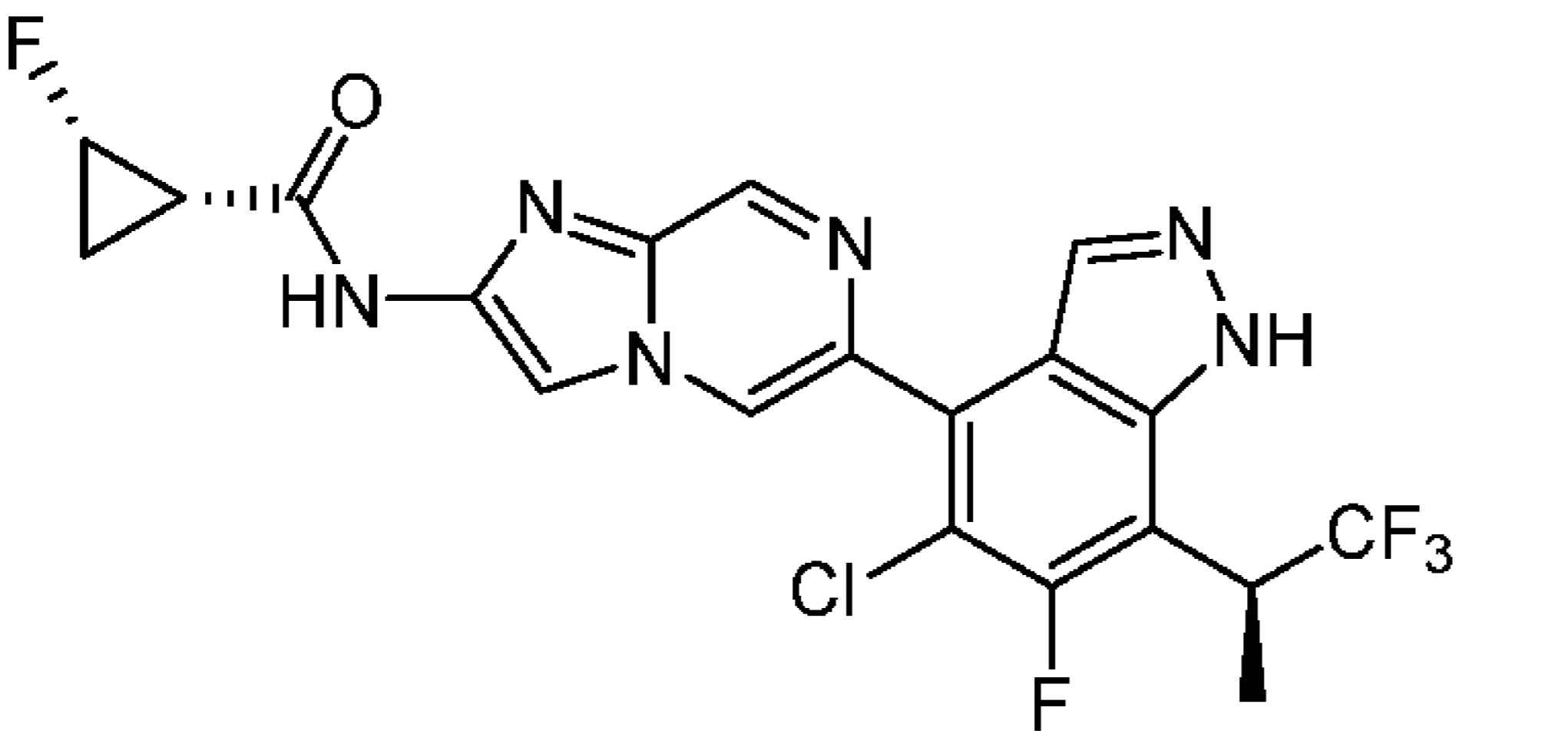
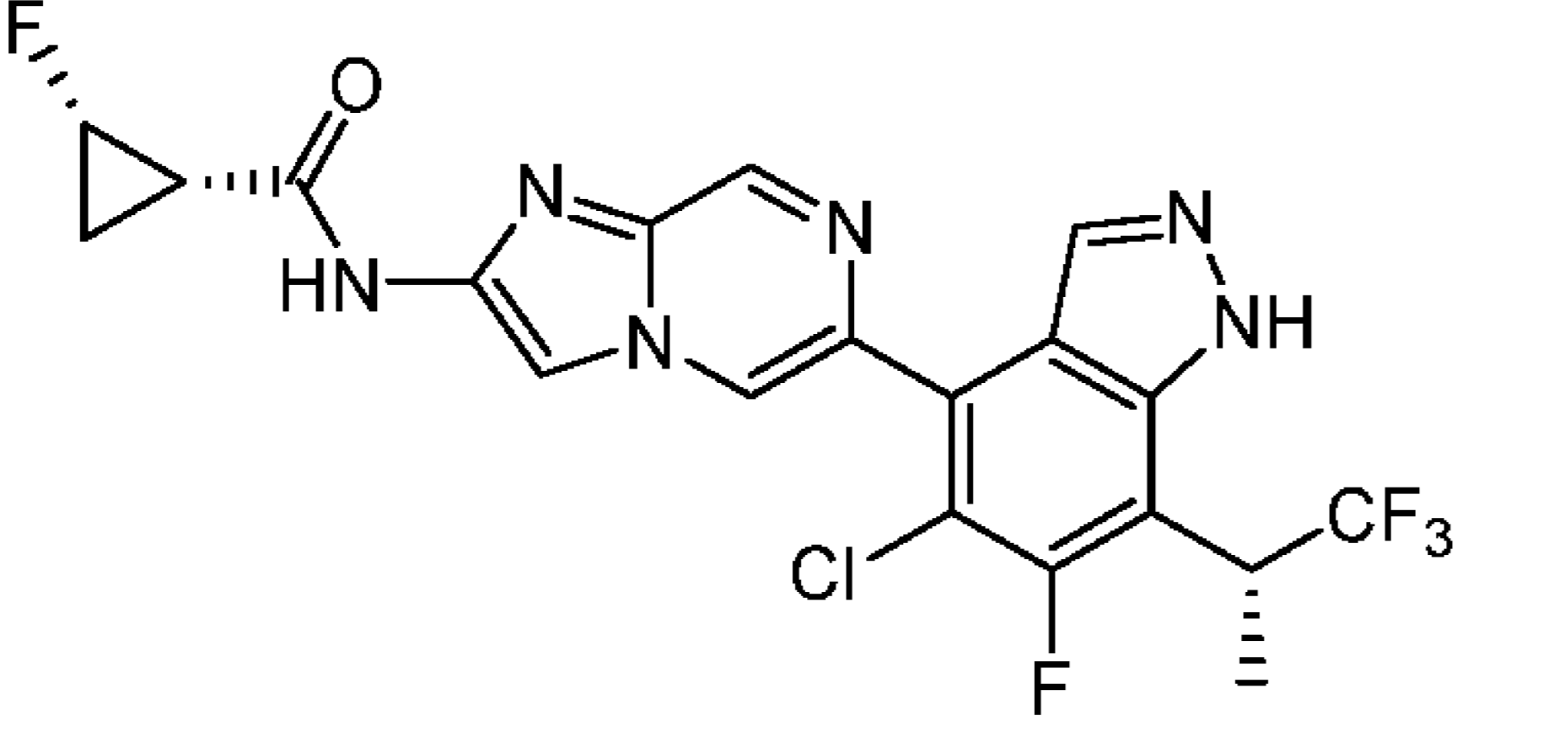
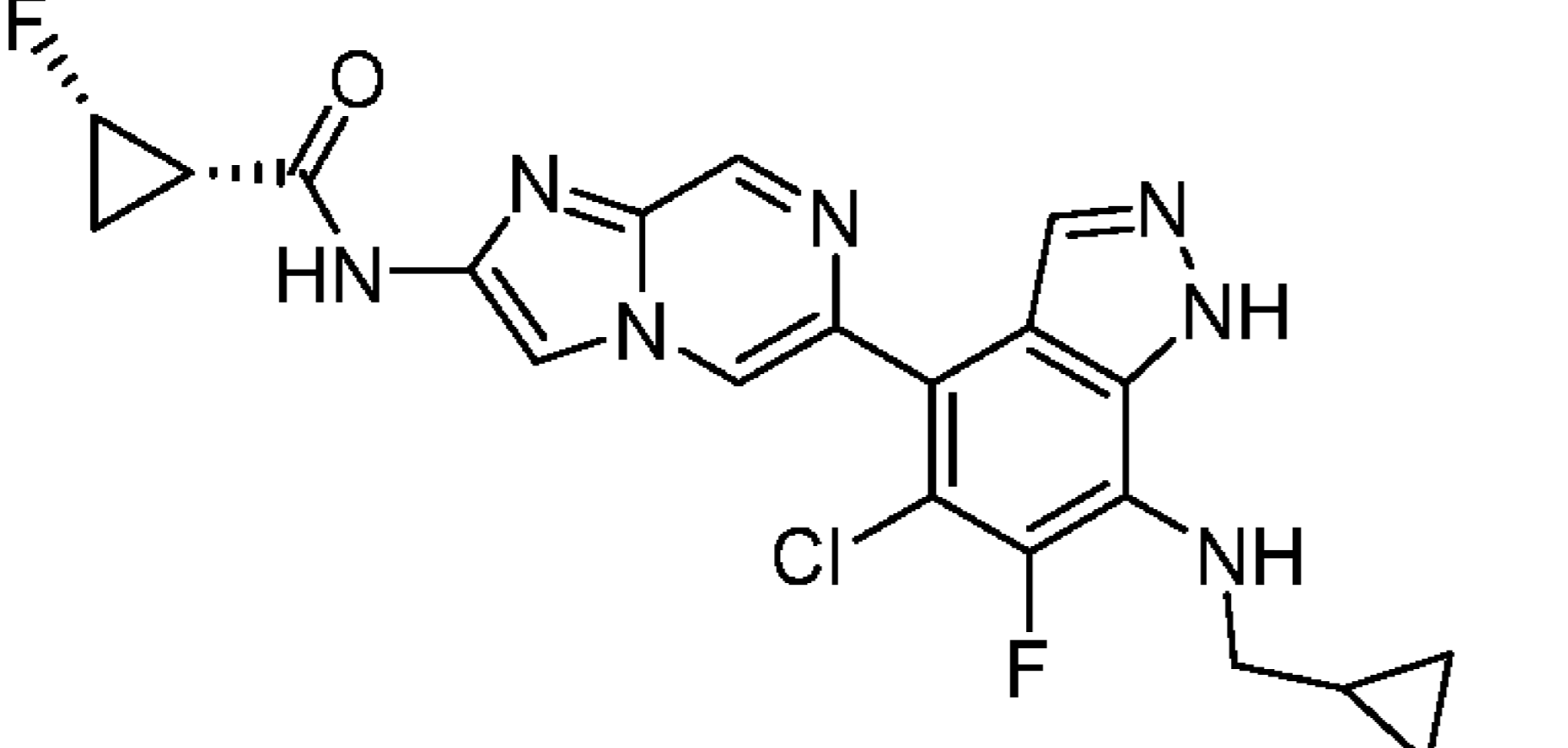
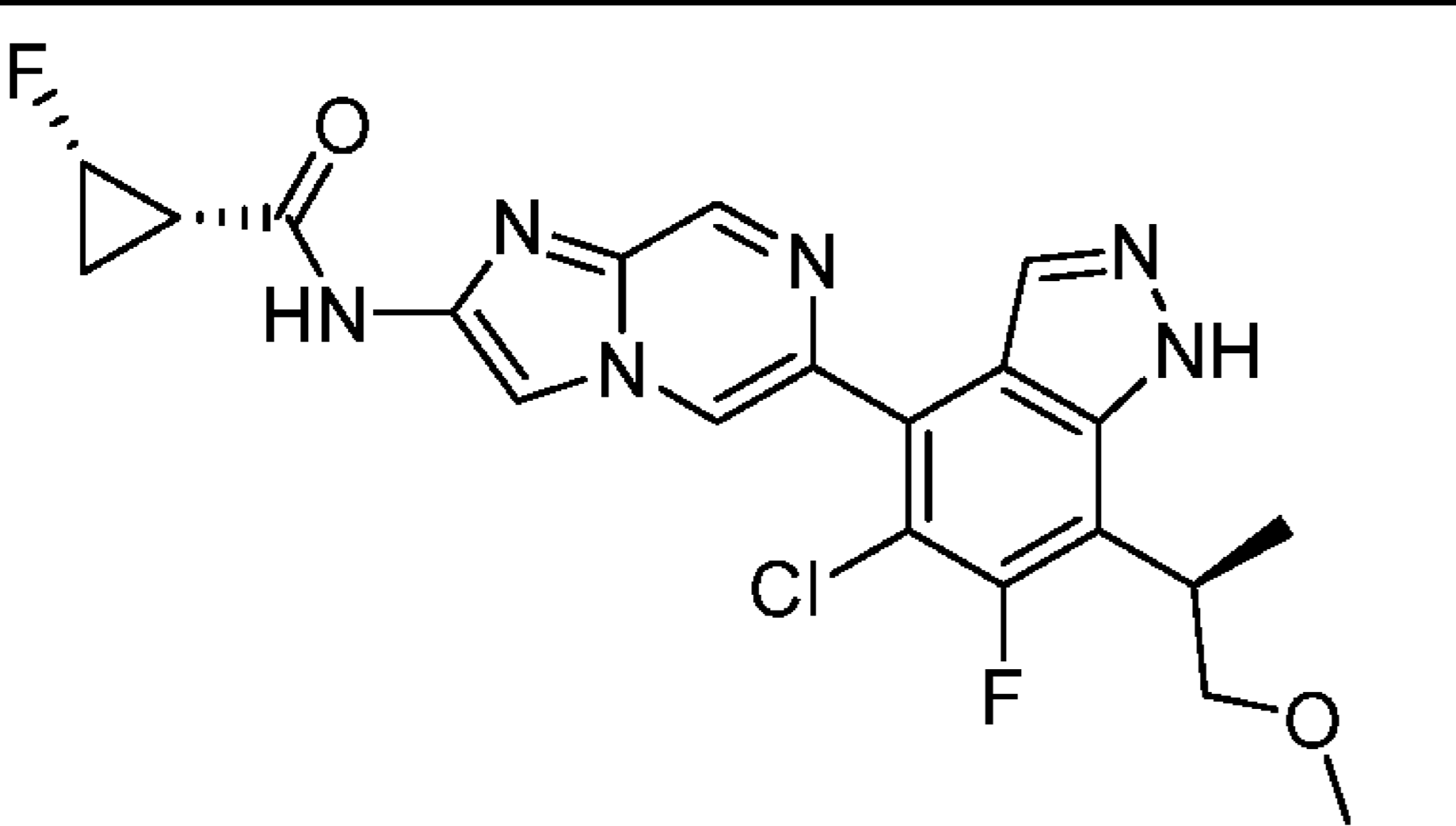
194	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isoxazol-4-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.60 (br s, 1H), 11.41 (s, 1H), 9.70 (s, 1H), 9.29 (s, 1H), 9.09 (s, 1H), 9.06 (d, J = 0.9 Hz, 1H), 8.41 (s, 1H), 8.28 (br s, 1H), 5.08 - 4.85 (m, 1H), 2.25 - 2.12 (m, 1H), 1.75 - 1.62 (m, 1H), 1.25 - 1.17 (m, 1H); LCMS (electrospray) m/z 455.9 (M+H) ⁺ .	D
195	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1R,3S)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.21 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.89 (d, J = 0.8 Hz, 1H), 8.35 (s, 1H), 7.95 (s, 1H), 5.46 (d, J = 6.6 Hz, 1H), 5.11-4.83 (m, 1H), 4.77 (d, J = 2.7 Hz, 1H), 4.29 (s, 1H), 4.19 (s, 1H), 2.28-2.09 (m, 2H), 2.04-1.87 (m, 1H), 1.83-1.51 (m, 6H), 1.22-1.11 (m, 1H); LCMS (electrospray) m/z 488.70 (M+H) ⁺ .	D
196	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxycyclopent-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.32 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.09 (s, 1H), 6.37 (s, 1H), 4.99 (d, J = 52.2 Hz, 2H), 2.92-3.09 (1H), 2.67 (s, 1H), 2.33 (s, 1H), 2.19 (d, J = 4.9 Hz, 1H), 1.72 (s, 3H), 1.35-1.18 (m, 4H); LCMS (electrospray) m/z 471.1 (M+H) ⁺ .	D
197	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-methyl-1H-pyrazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.61-13.94 (1H), 11.39 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.10 (s, 1H), 7.84 (d, J = 2.2 Hz, 1H), 6.02 (d, J = 1.6 Hz, 1H), 5.65 (s, 2H), 5.06-4.86 (m, 1H), 2.22-2.15 (m, 1H), 2.09 (d, J = 3.3 Hz, 3H), 1.72-1.64 (m, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 483.70 (M+H) ⁺ .	D

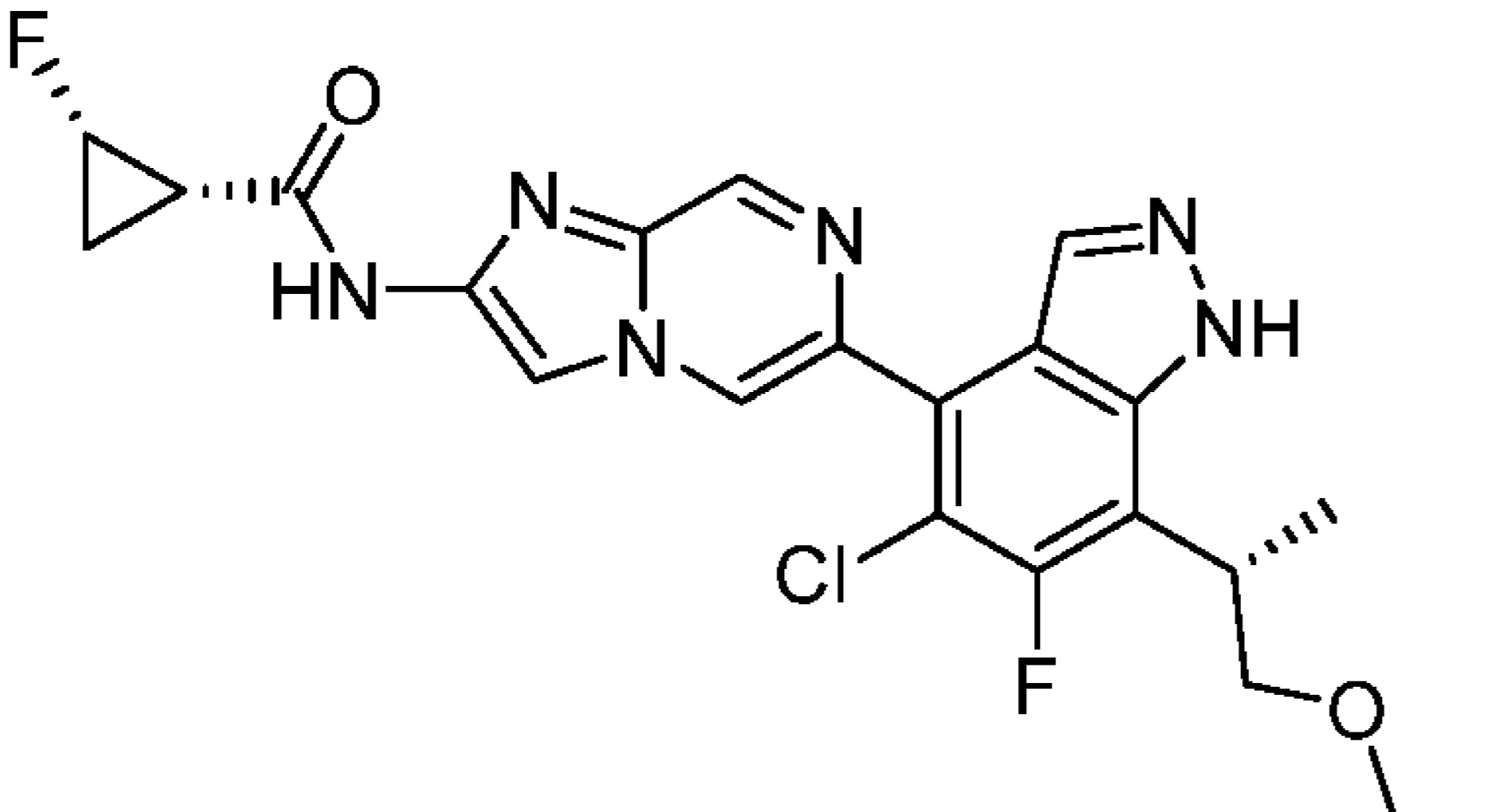
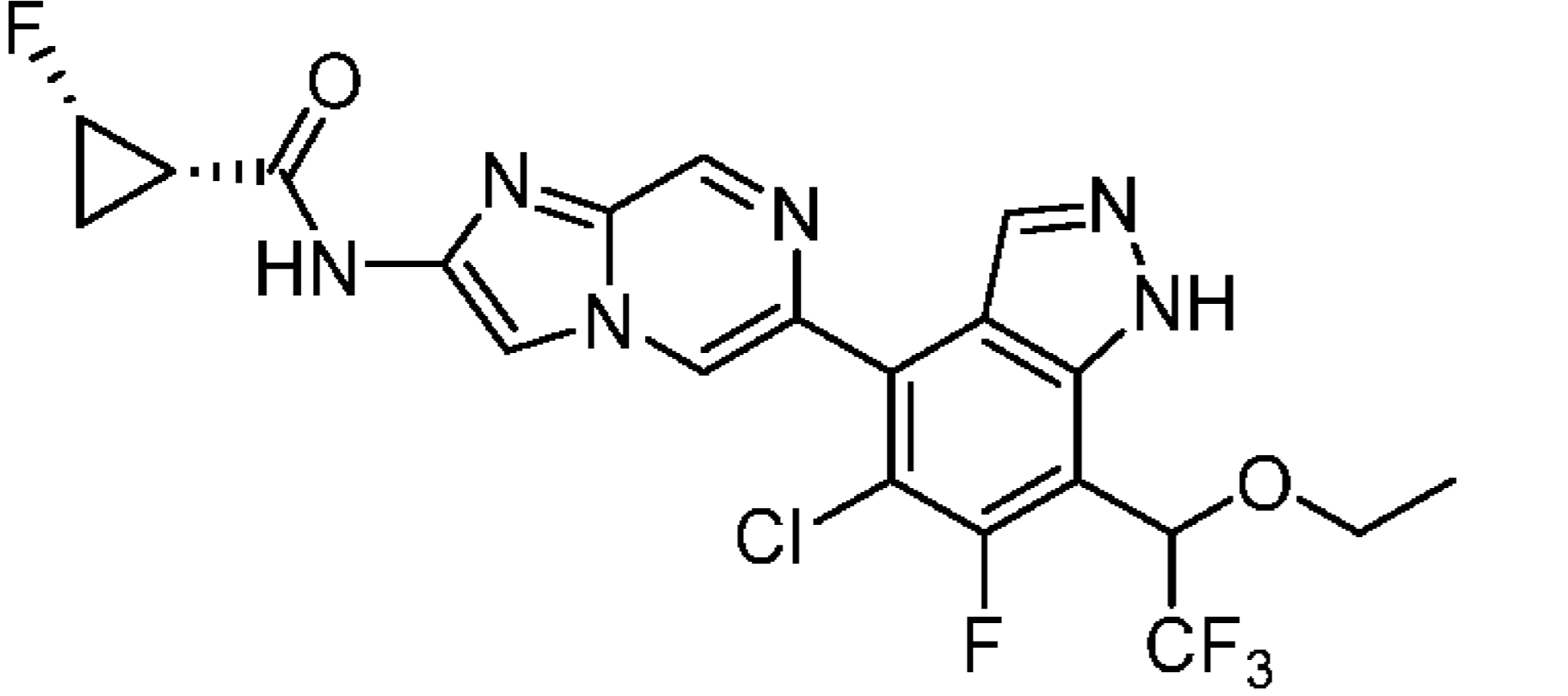
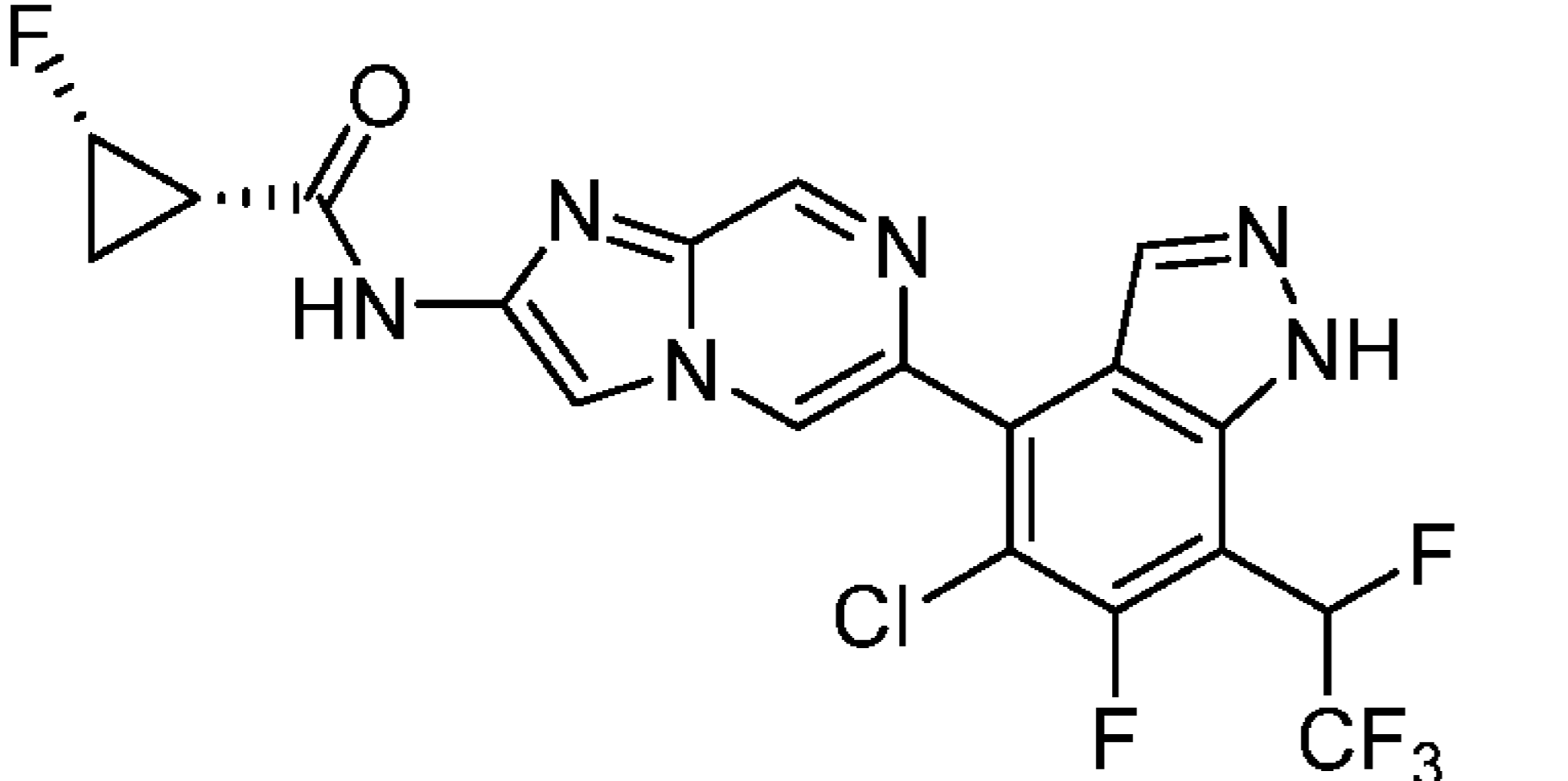
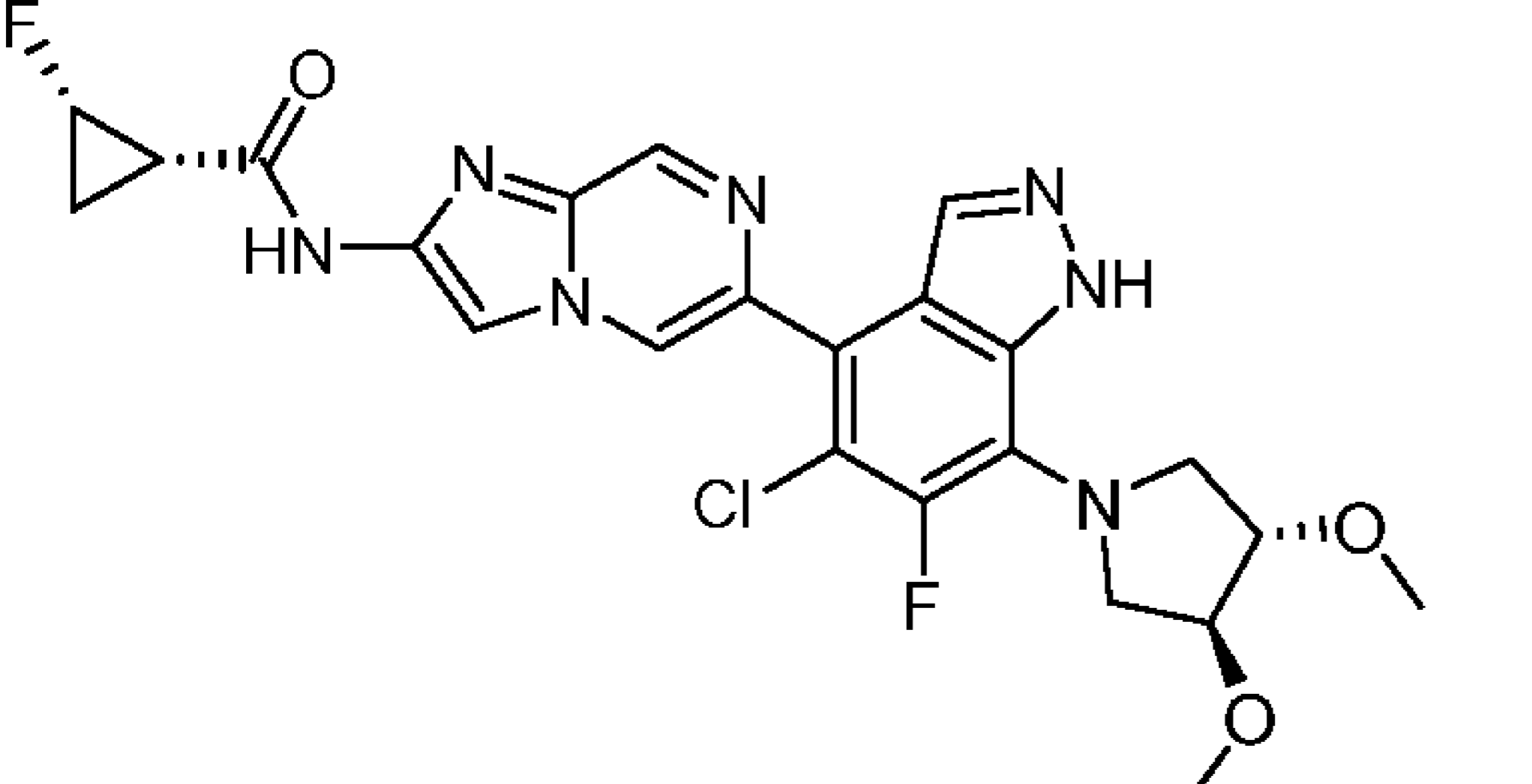
198	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2,2,2-trifluoro-1-methoxyethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.46 (s, 1H), 11.42 (s, 1H), 9.08-9.06 (m, 2H), 8.40 (d, J = 11.0 Hz, 1H), 8.14 (d, J = 20.9 Hz, 1H), 5.82-5.75 (m, 1H), 5.07-4.86 (m, 1H), 3.50 (s, 3H), 2.23-2.16 (m, 1H), 1.74-1.64 (m, 1H), 1.21-1.16 (m, 1H); LCMS (electrospray) m/z 501.7 (M+H) ⁺ .	D
199	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(tetrahydrofuran-3-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.51 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 8.98 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.03 (d, J = 1.1 Hz, 1H), 5.07-4.87 (m, 1H), 4.12 (t, J = 5.5 Hz, 1H), 3.92-3.80 (m, 2H), 3.75-3.65 (m, 2H), 2.90-2.86 (m, 3H), 2.23-2.16 (m, 1H), 2.06 (td, J = 13.1, 7.3 Hz, 1H), 1.91 (td, J = 12.6, 7.1 Hz, 1H), 1.75-1.65 (m, 1H), 1.23-1.17 (m, 1H); LCMS (electrospray) m/z 488.7 (M+H) ⁺ .	D
200	 <p>(1S,2S)-N-(6-(7-(1-(2H-1,2,3-triazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.63 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.11 (s, 1H), 7.84 (s, 2H), 6.50 (q, J = 7.1 Hz, 1H), 5.07-4.86 (m, 1H), 2.23-2.14 (m, 4H), 1.74-1.65 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 484.70 (M+H) ⁺ .	D
201	 <p>(1S,2S)-N-(6-(7-(1-(1H-1,2,4-triazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.61 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.1 Hz, 1H), 8.86 (s, 1H), 8.38 (s, 1H), 8.11 (s, 1H), 7.98 (s, 1H), 6.29 (q, J = 7.0 Hz, 1H), 5.06-4.86 (m, 1H), 2.22-2.09 (m, 4H), 1.74-1.65 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 484.70 (M+H) ⁺ .	D

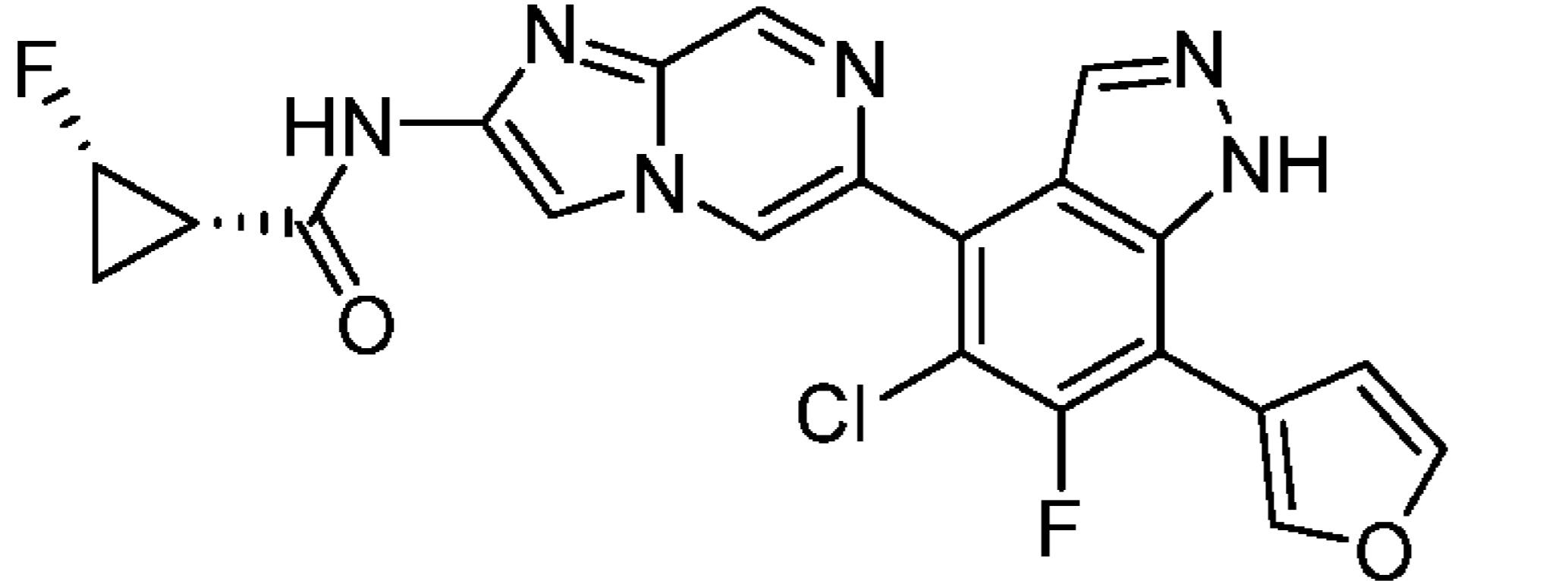
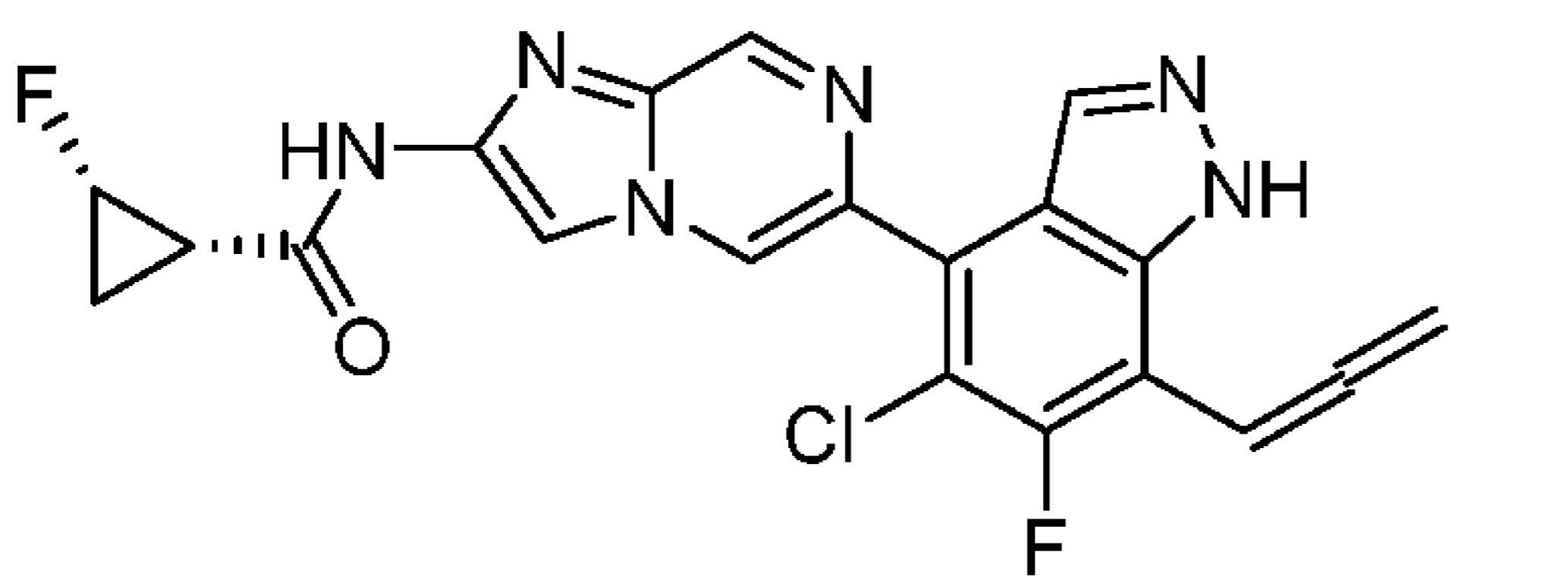
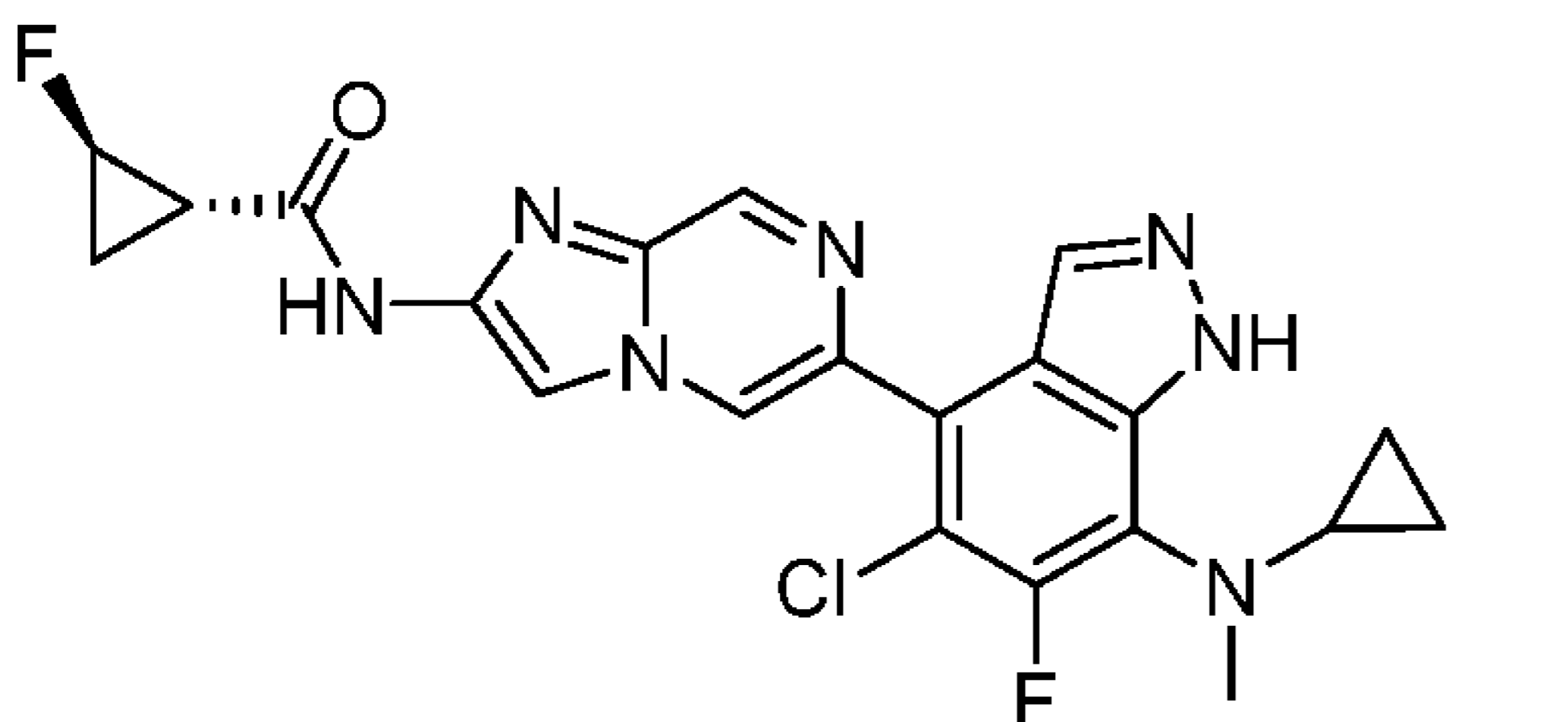
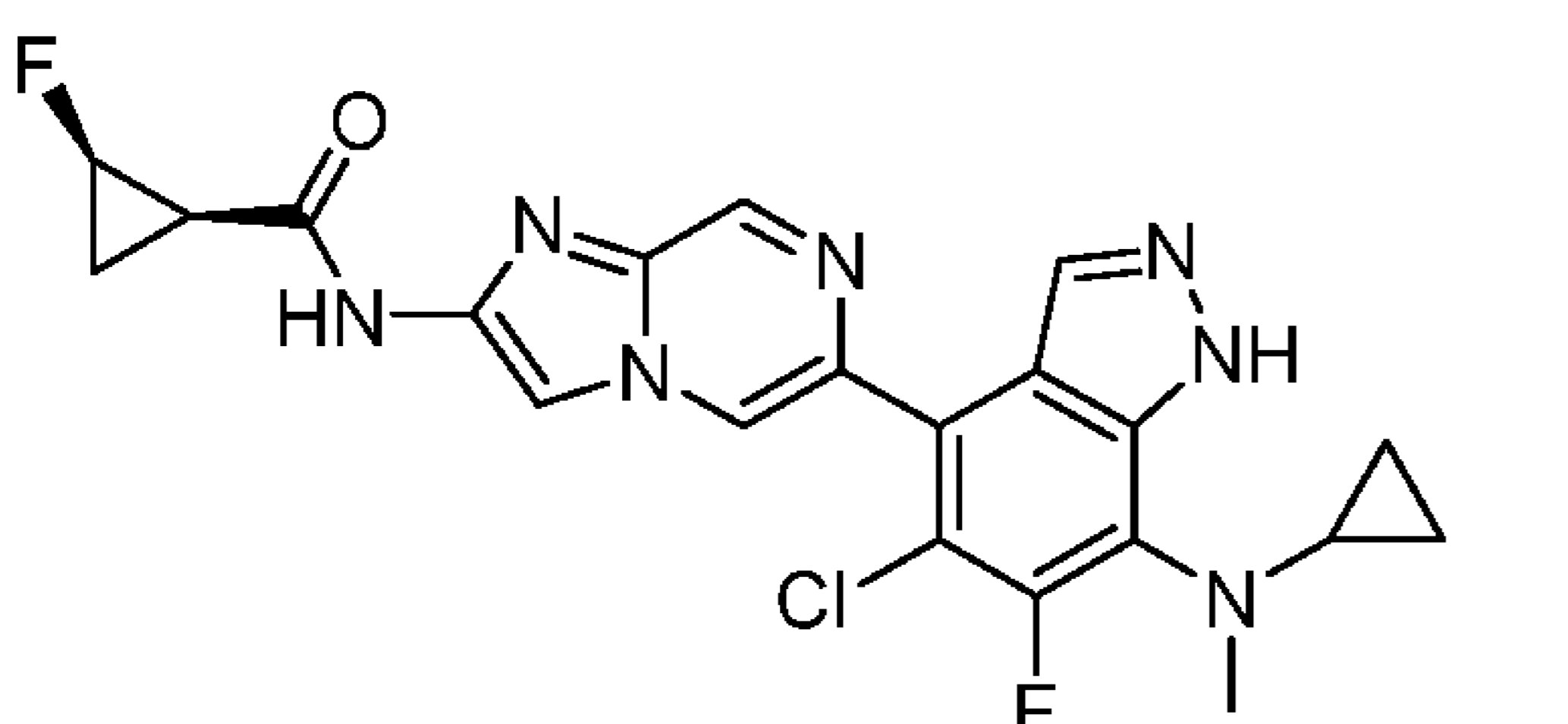
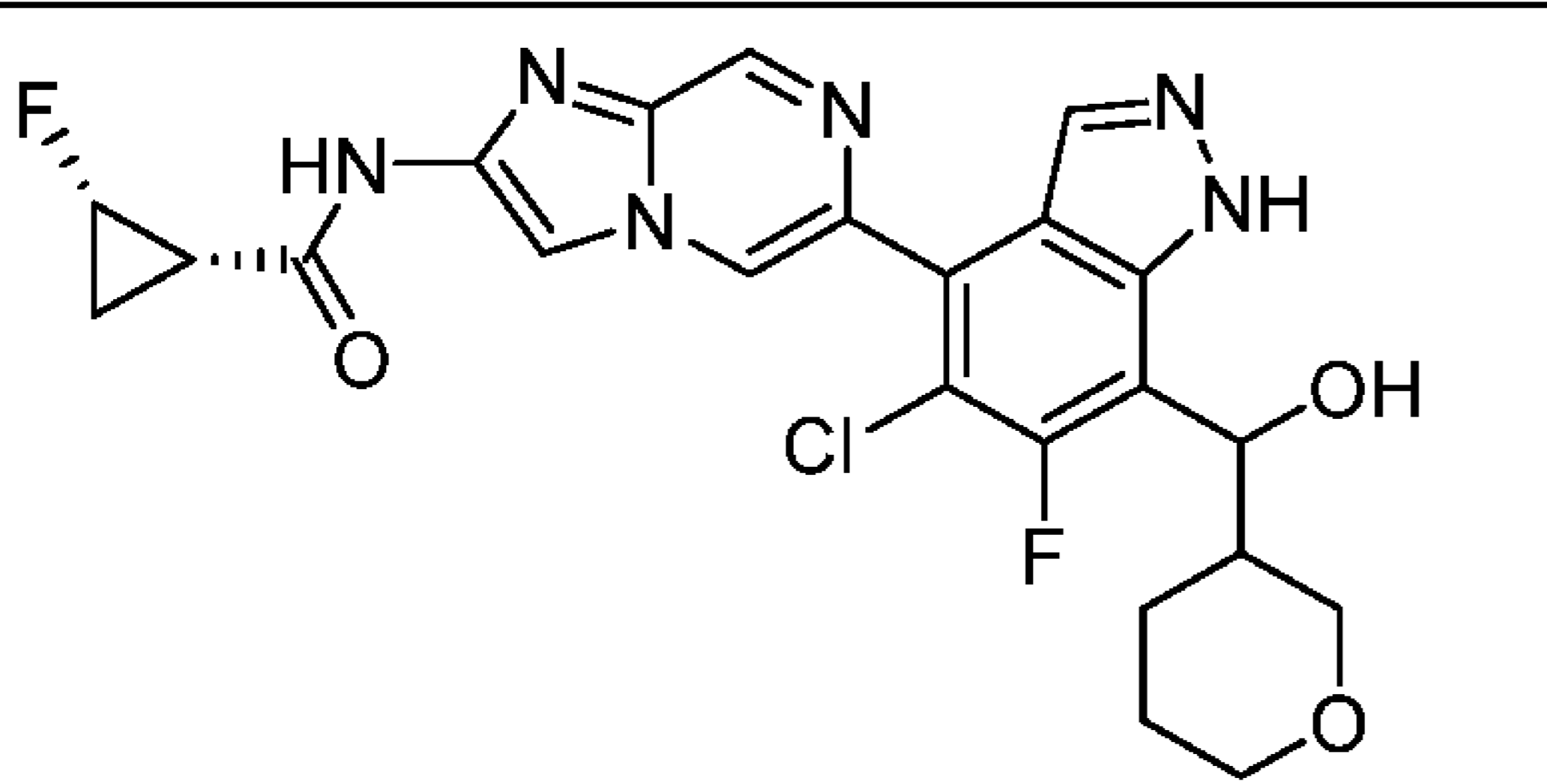
202	 <p>(1S,2S)-N-(6-(5-chloro-7-((3S,4S)-3,4-dihydroxypyrrolidin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.02 (s, 1H), 11.24 (s, 1H), 9.00 (s, 1H), 8.85 (s, 1H), 8.35 (s, 1H), 7.93 (s, 1H), 5.11-4.84 (m, 3H), 4.17 (d, J = 9.9 Hz, 2H), 4.08 (s, 2H), 3.49 (d, J = 8.8 Hz, 1H), 3.41 (t, J = 2.7 Hz, 1H), 2.19 (q, J = 7.1 Hz, 1H), 1.70 (ddd, J = 23.4, 10.7, 6.9 Hz, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 490.10 (M+H) ⁺ .	D
203	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.10 (s, 1H), 11.24 (s, 1H), 9.01 (s, 1H), 8.87 (s, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 5.12-4.79 (m, 1H), 4.37-3.78 (m, 4H), 3.78-3.51 (m, 1H), 3.31 (s, 3H), 2.27-2.14 (m, 1H), 2.13-1.97 (m, 2H), 1.70 (m, 1H), 1.24-1.14 (m, 1H); LCMS (electrospray) m/z 488.70 (M+H) ⁺ .	D
204	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.09 (s, 1H), 11.24 (s, 1H), 9.00 (s, 1H), 8.86 (s, 1H), 8.35 (s, 1H), 7.94 (s, 1H), 5.05-4.82 (m, 1H), 4.42-3.75 (m, 4H), 3.74-3.52 (m, 1H), 3.31 (s, 3H), 2.27-1.99 (m, 3H), 1.79-1.63 (m, 1H), 1.24-1.14 (m, 1H); LCMS (electrospray) m/z 488.70 (M+H) ⁺ .	D
205	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.09 (s, 1H), 11.24 (s, 1H), 9.01 (s, 1H), 8.86 (s, 1H), 8.36 (s, 1H), 7.94 (s, 1H), 5.05-4.83 (m, 1H), 4.37-3.80 (m, 4H), 3.76-3.50 (m, 1H), 3.31 (s, 3H), 2.27-1.99 (m, 3H), 1.76-1.64 (m, 1H), 1.23-1.08 (m, 1H); LCMS (electrospray) m/z 488.70 (M+H) ⁺ .	D
206	 <p>(1S,2S)-N-(6-(5-chloro-7-((1S,2S)-2-fluorocyclopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.17 (s, 1H), 11.36 (s, 1H), 9.10 - 8.97 (m, 1H), 8.91 (s, 1H), 8.35 (s, 1H), 7.95 (s, 1H), 5.33 (br d, J = 7.9 Hz, 1H), 5.10 - 4.81 (m, 1H), 2.56 - 2.52 (m, 3H), 2.26 - 2.12 (m, 1H), 1.76 - 1.55 (m, 1H), 1.27 (d, J = 6.4 Hz, 3H), 1.23 (br s, 1H), 1.21 - 1.15 (m, 1H), 1.05 - 0.92 (m, 1H), 0.49 - 0.33 (m, 2H), 0.24 (dt, J =	D

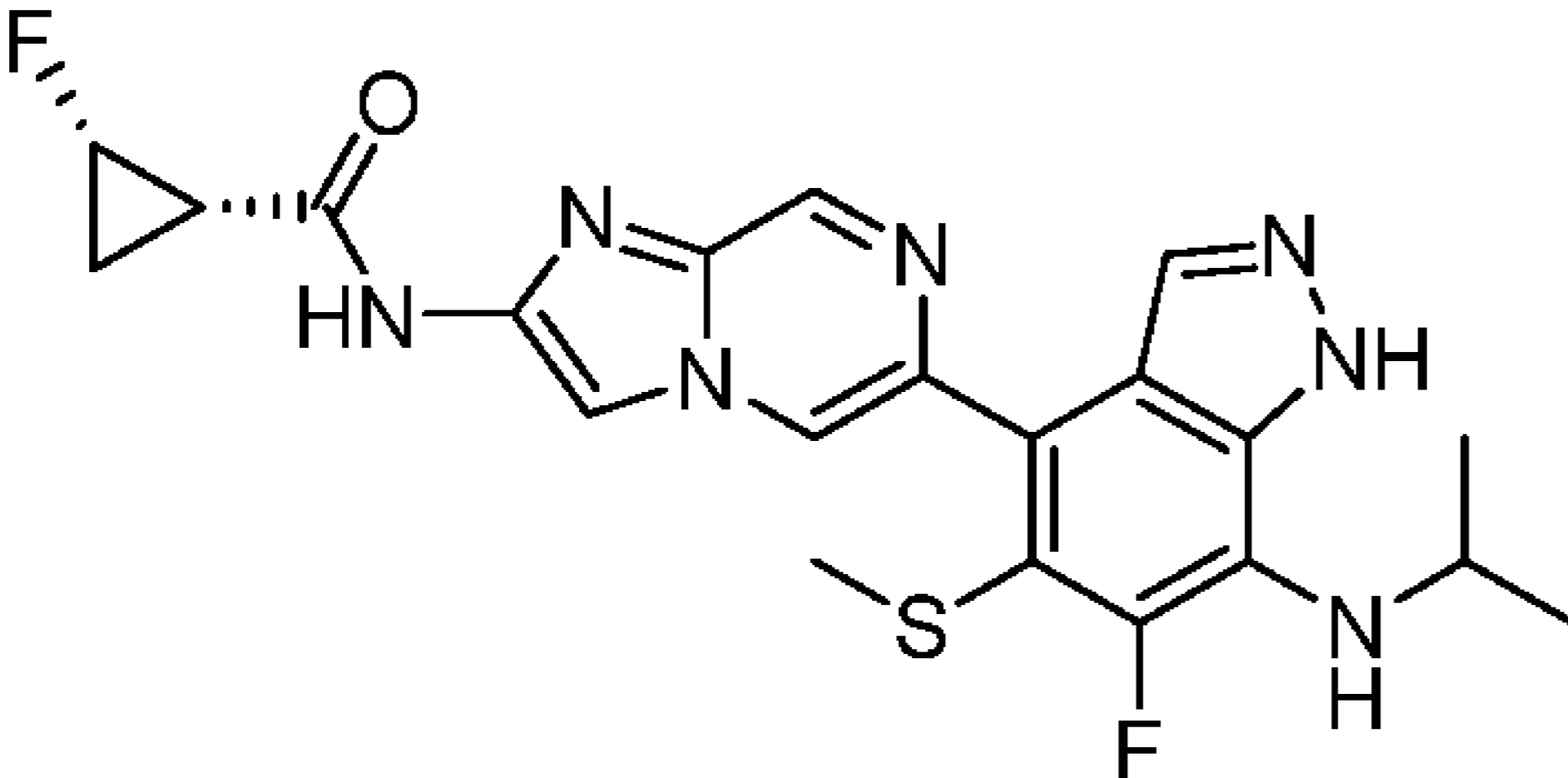
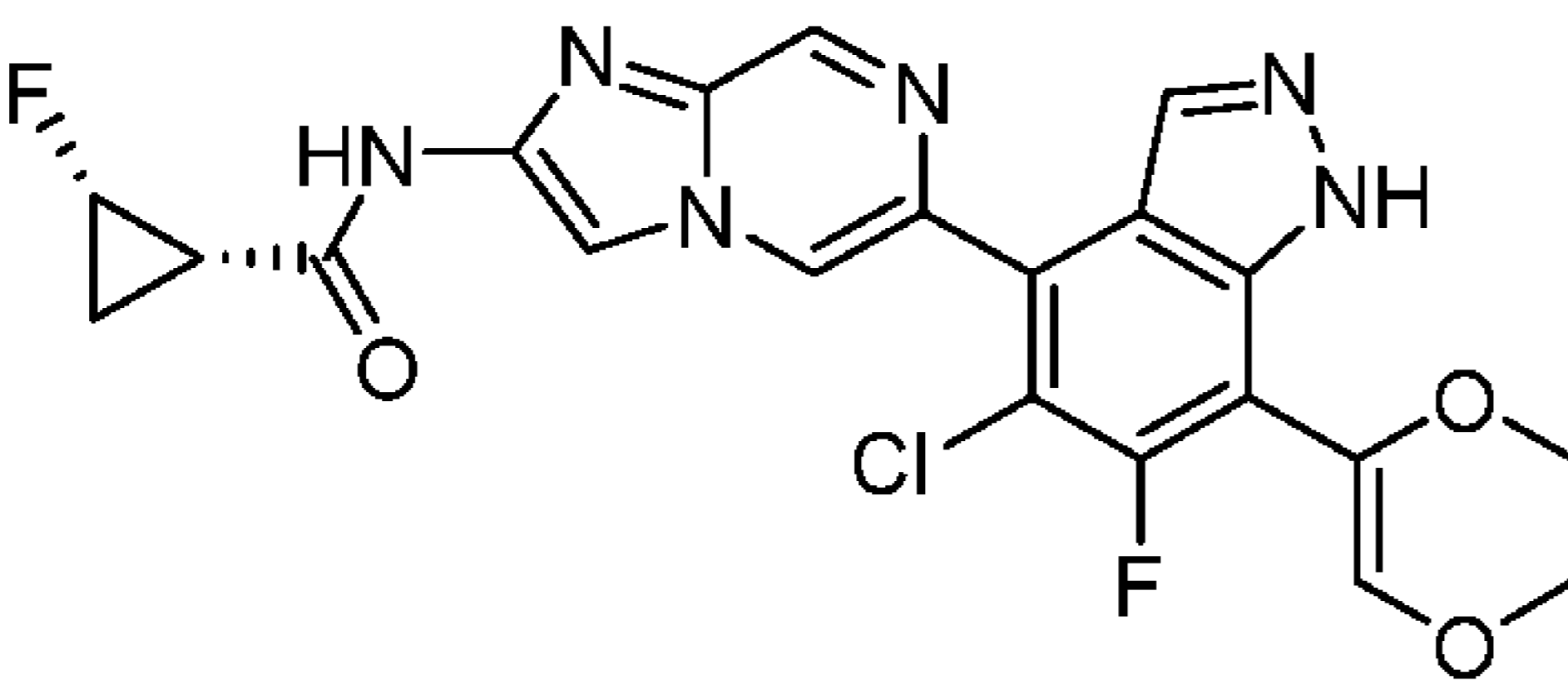
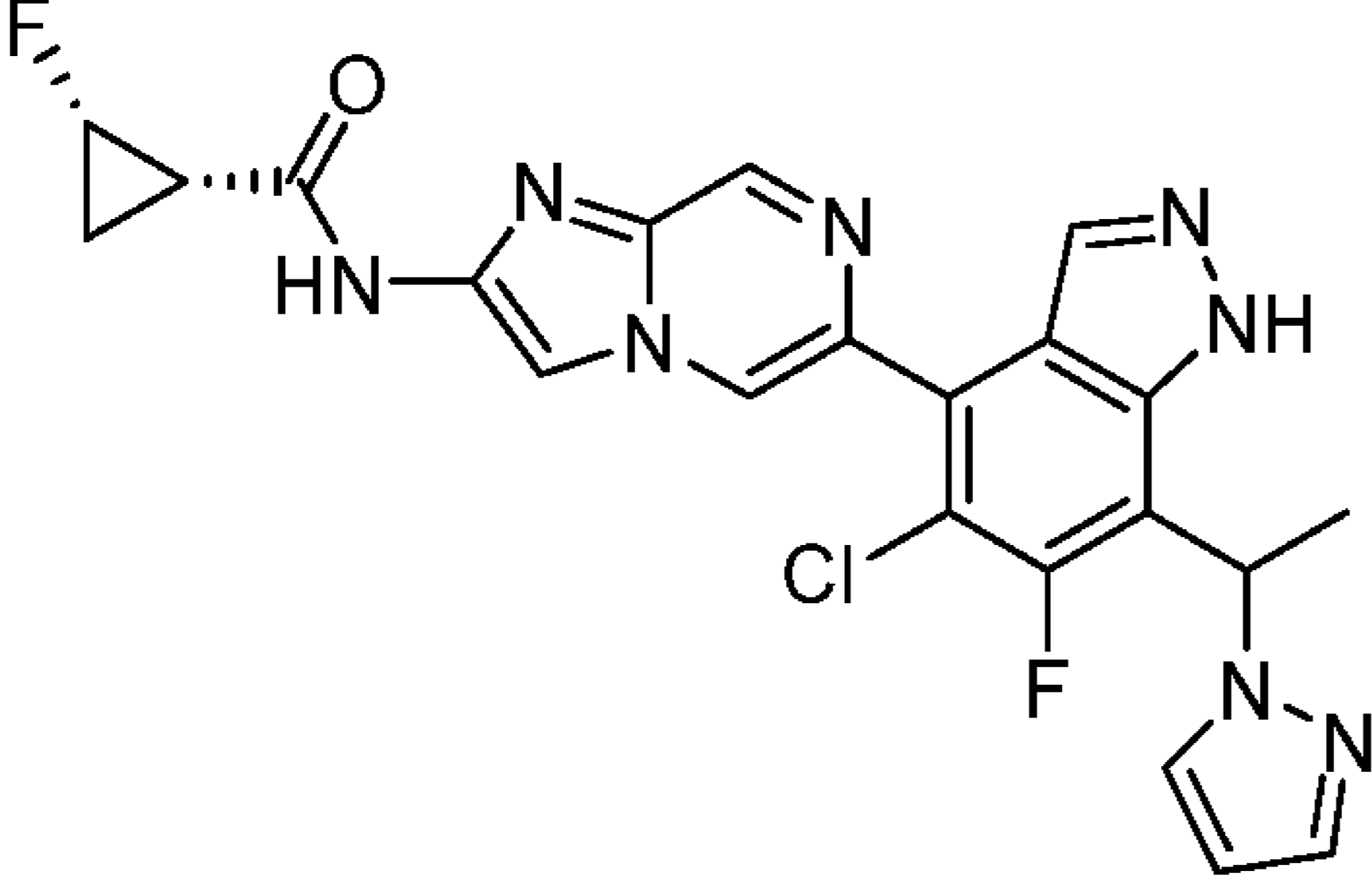
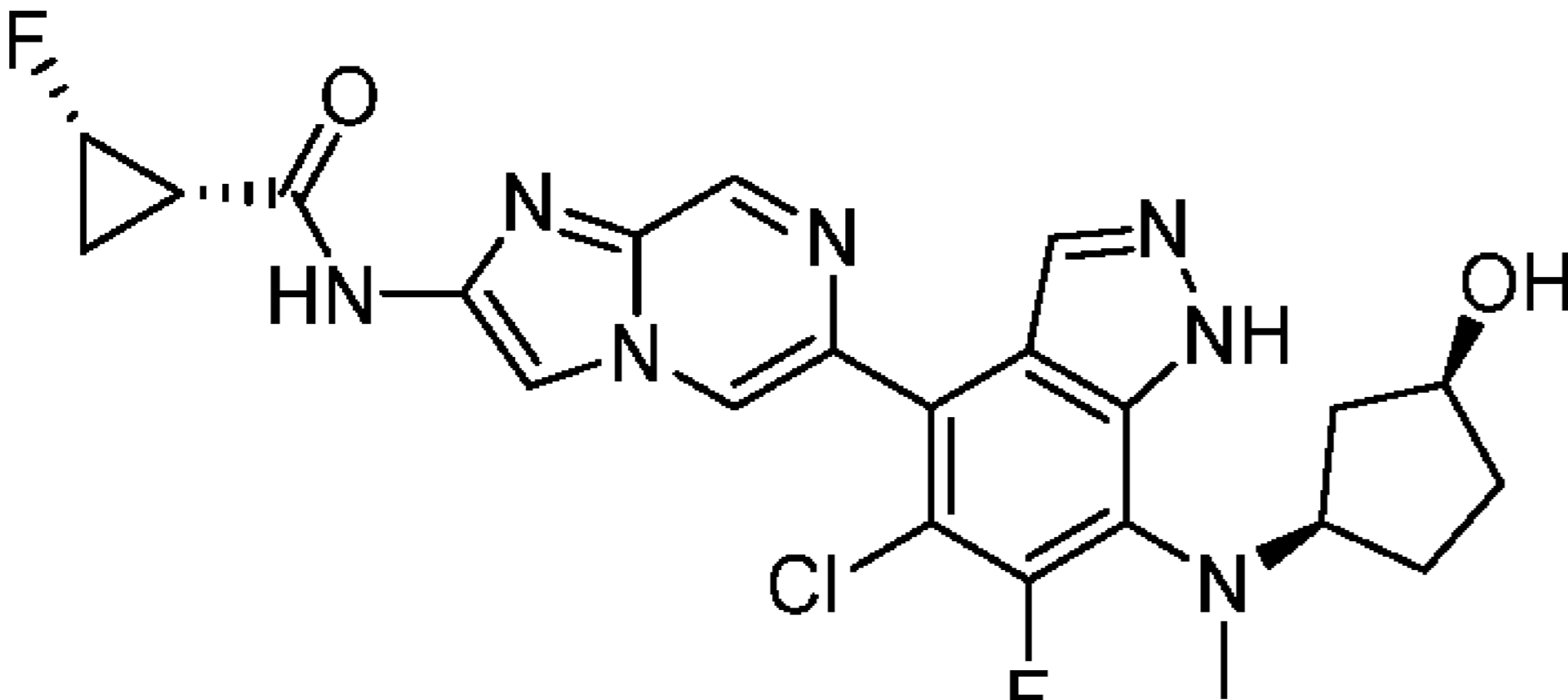
	cyclopropylethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	4.8, 9.7 Hz, 2H); LCMS (electrospray) m/z 472.1 (M+H)+.	
207	 <p>(1S,2S)-N-(6-(5-chloro-7-((3,3-difluorocyclobutyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.83 - 12.67 (m, 1H), 11.36 (s, 1H), 9.02 (s, 1H), 8.90 (d, J = 1.2 Hz, 1H), 8.36 (s, 1H), 8.03 (br s, 1H), 6.16 (br s, 1H), 5.08 - 4.85 (m, 1H), 4.66 - 4.14 (m, 1H), 3.31 - 3.25 (m, 1H), 3.01 (br s, 2H), 2.83 - 2.70 (m, 2H), 2.23 - 2.14 (m, 1H), 1.75 - 1.61 (m, 1H), 1.23 (br s, 2H), 1.21 - 1.15 (m, 1H); LCMS (electrospray) m/z 494.1 (M+H)+.	D
208	 <p>(1R,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.60 - 13.15 (m, 1H), 11.51 (br s, 1H), 9.07 (s, 1H), 8.96 (s, 1H), 8.33 (s, 1H), 8.00 (br s, 1H), 5.09 - 4.81 (m, 1H), 3.02 (br s, 4H), 2.61 - 2.59 (m, 1H), 1.68 - 1.50 (m, 1H), 1.38 - 1.21 (m, 1H), 0.70 - 0.56 (m, 2H), 0.48 (br s, 2H); LCMS (electrospray) m/z 458.1 (M+H)+.	D
209	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxyprop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.38 (br s, 1H), 11.41 (s, 1H), 9.09 (s, 1H), 9.03 (d, J = 1.3 Hz, 1H), 8.40 (s, 1H), 8.07 (s, 1H), 6.59 (br d, J = 4.3 Hz, 1H), 6.03 (br d, J = 1.8 Hz, 1H), 5.11 - 4.84 (m, 1H), 3.60 (d, J = 2.0 Hz, 1H), 2.27 - 2.16 (m, 1H), 1.78 - 1.63 (m, 1H), 1.22 - 1.15 (m, 1H); LCMS (electrospray) m/z 443.1 (M+H)+.	D
210	 <p>(1S,2S)-N-(6-(7-(1-acetamidoethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.44 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 8.99 (d, J = 1.2 Hz, 1H), 8.45 (br d, J = 7.0 Hz, 1H), 8.38 (s, 1H), 8.05 (s, 1H), 5.50 - 5.43 (m, 1H), 5.11 - 4.84 (m, 1H), 2.23 - 2.16 (m, 1H), 1.86 (s, 3H), 1.74 - 1.64 (m, 1H), 1.57 (br d, J = 7.2 Hz, 3H), 1.23 - 1.17 (m, 1H); LCMS (electrospray) m/z 474.1 (M+H)+.	D

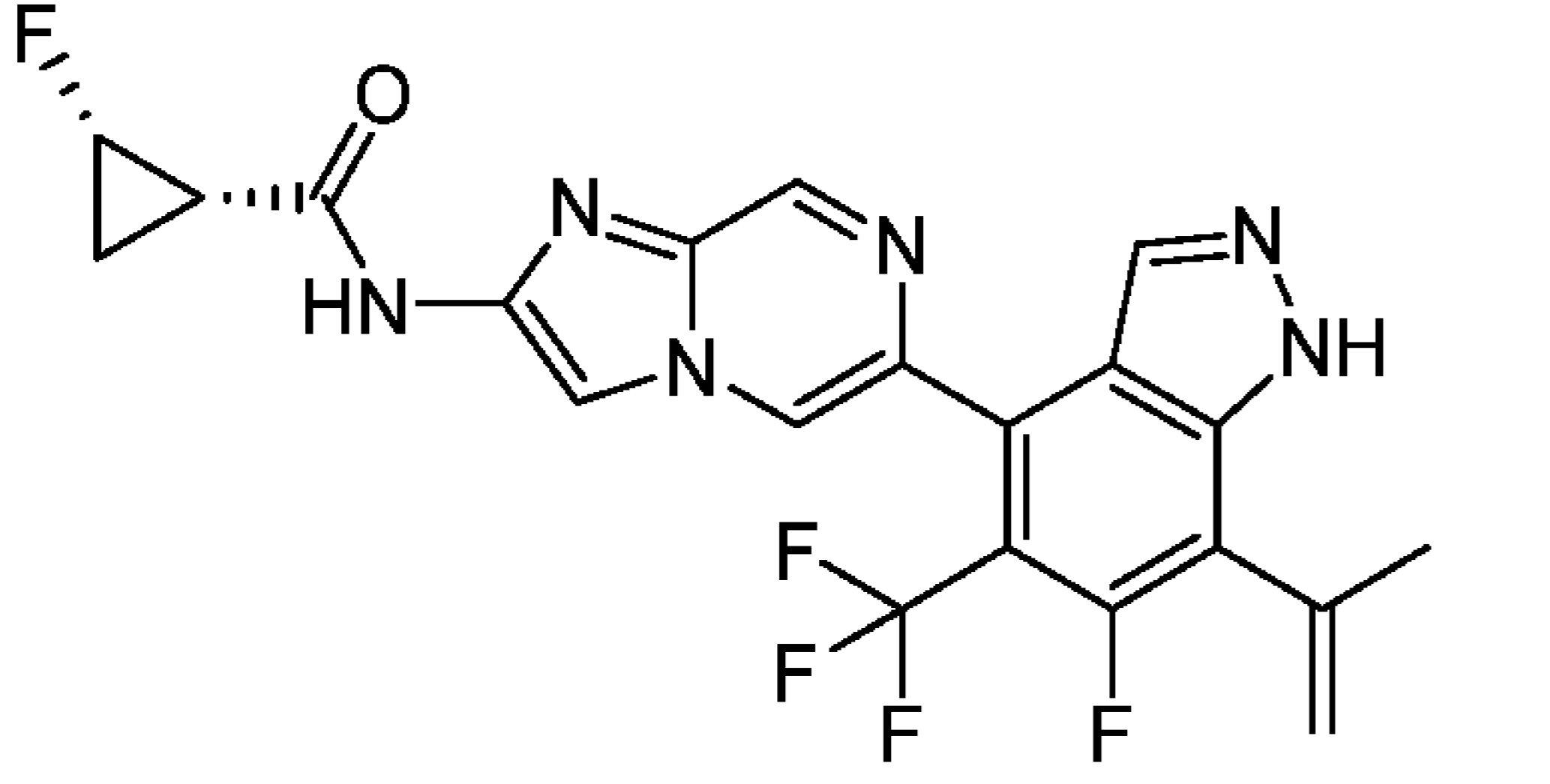
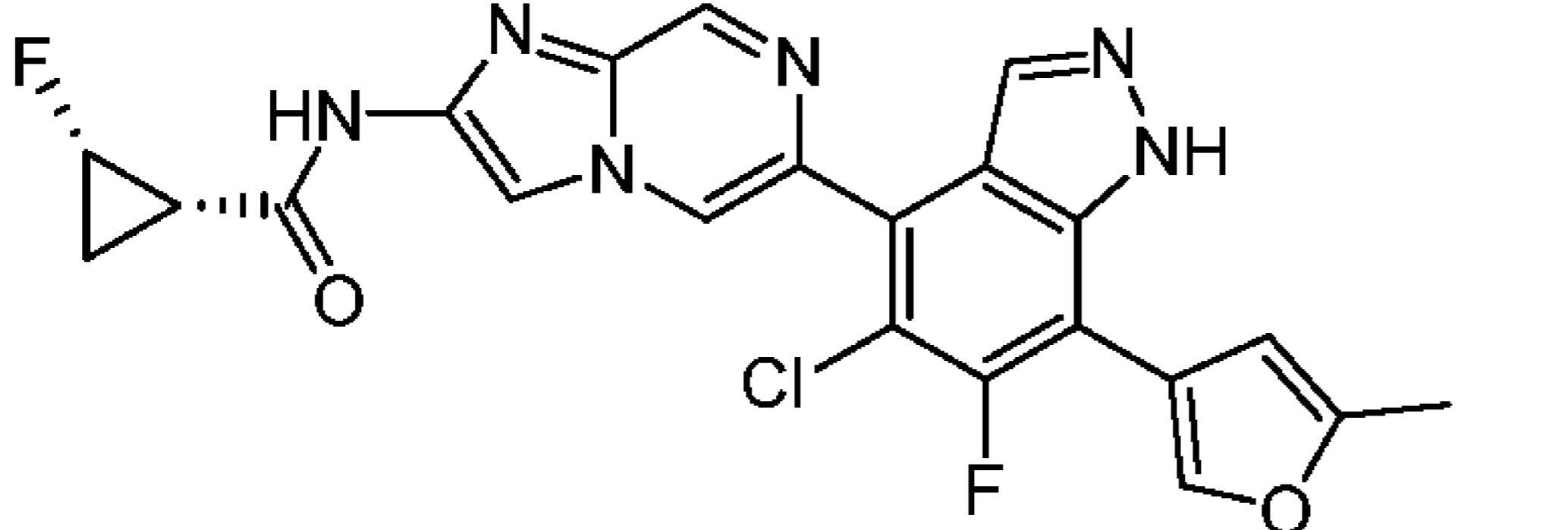
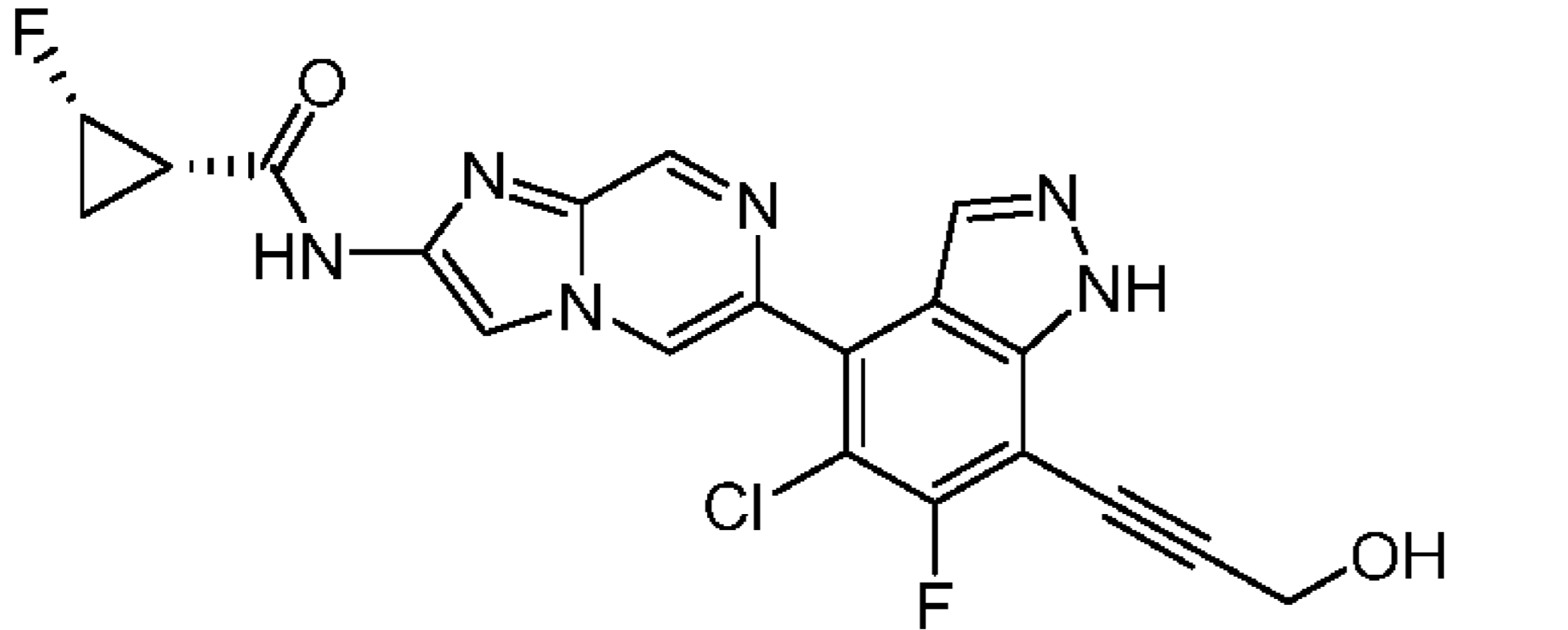
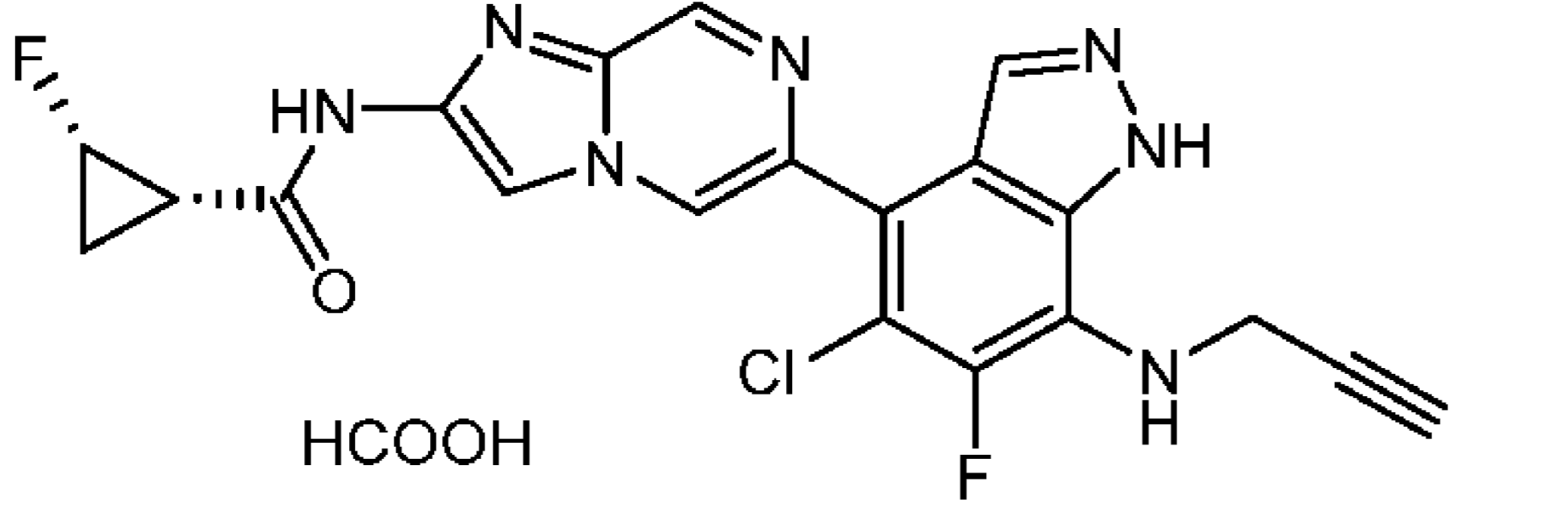
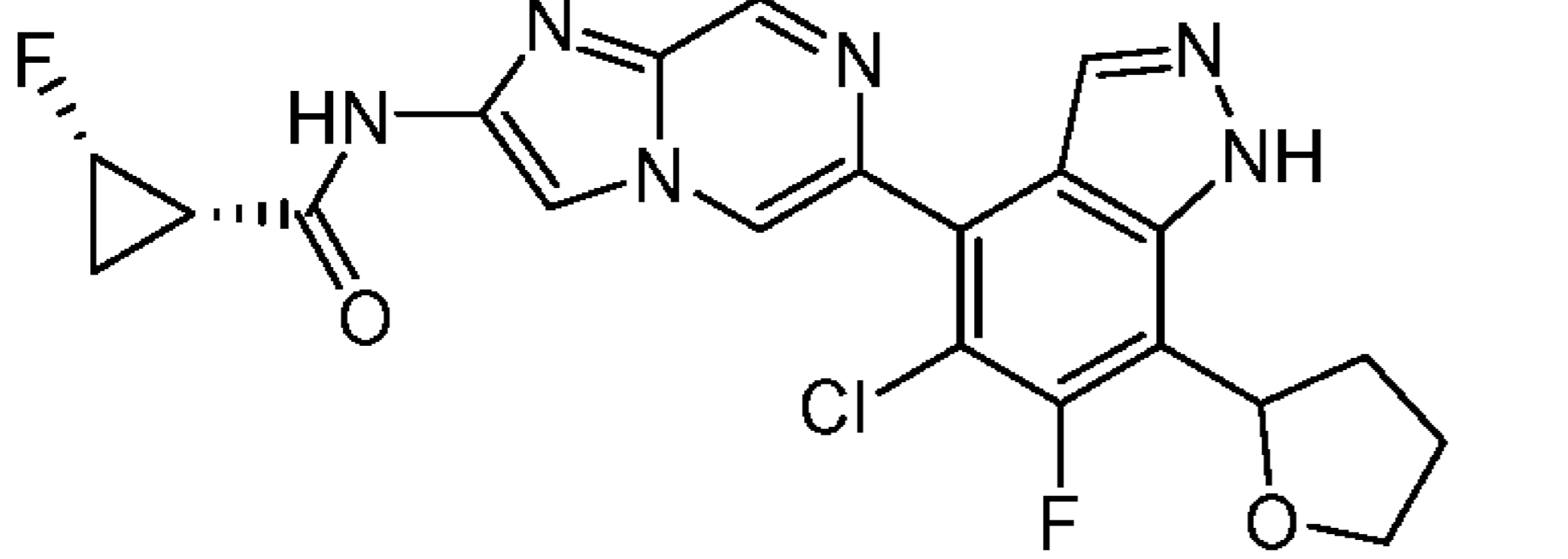
211	 <p>(1S,2S)-N-(6-(5-chloro-7-(2-cyanopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.84-13.64 (m, 1H), 11.41 (s, 1H), 9.19 (d, J = 1.3 Hz, 1H), 9.08 (s, 1H), 9.01 (d, J = 1.3 Hz, 1H), 8.73 (d, J = 1.3 Hz, 1H), 8.46 (s, 1H), 8.39 (s, 1H), 8.25 (m, 1H), 5.08 - 4.86 (m, 1H), 4.43-4.29 (m, 1H), 2.24 - 2.15 (m, 1H), 2.06 (s, 1H), 1.75 - 1.63 (m, 1H), 1.25 - 1.15 (m, 1H); LCMS (electrospray) m/z 456.0 (M+H) ⁺ .	D
212	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(5-methylfuran-2-yl)-2H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.66-13.56 (m, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.06 (s, 1H), 8.40 (s, 1H), 8.16 (s, 1H), 7.05 (s, 1H), 6.44 (s, 1H), 4.50-4.88 (m, 1H), 4.1 (d, J = 4.8 Hz, 2H), 3.39 (d, J=4.4 Hz, 3H), 2.21-2.19 (m, 1H), 1.75-1.66 (m, 1H), 1.23-1.16 (m, 1H); LCMS (electrospray) m/z 469.0 (M+H) ⁺ .	D
213	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.24-13.41 (m, 1H), 11.29-11.47 (m, 1H), 9.01-9.07 (m, 1H), 8.84-8.91 (m, 1H), 8.33-8.43 (m, 1H), 7.90-8.03 (m, 1H), 5.55-5.67 (m, 1H), 5.31-5.42 (m, 1H), 5.00-5.08 (m, 1H), 4.83-4.93 (m, 1H), 2.26-2.31 (m, 3H), 2.14-2.25 (m, 4H), 1.62-1.76 (m, 1H), 1.13-1.27 (m, 1H); LCMS (electrospray) m/z 441.1 (M+H) ⁺ .	D
214	 <p>(1S,2S)-N-(6-(7-((E)-buta-1,3-dien-1-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.95-13.52 (m, 1H), 11.49-11.31 (m, 1H), 9.07 (d, J=0.6 Hz, 1H), 9.02 (d, J=1.4 Hz, 1H), 8.42-8.37 (m, 1H), 8.17-8.12 (m, 1H), 7.59-7.40 (m, 1H), 7.04 (d, J=15.8 Hz, 1H), 6.76-6.59 (m, 1H), 5.58 (d, J=16.7 Hz, 1H), 5.38 (d, J=10.2 Hz, 1H), 5.11-4.83 (m, 1H), 2.28-2.10 (m, 1H), 1.80-1.58 (m, 1H), 1.30-1.10 (m, 1H); LCMS (electrospray) m/z 441.1 (M+H) ⁺ .	D

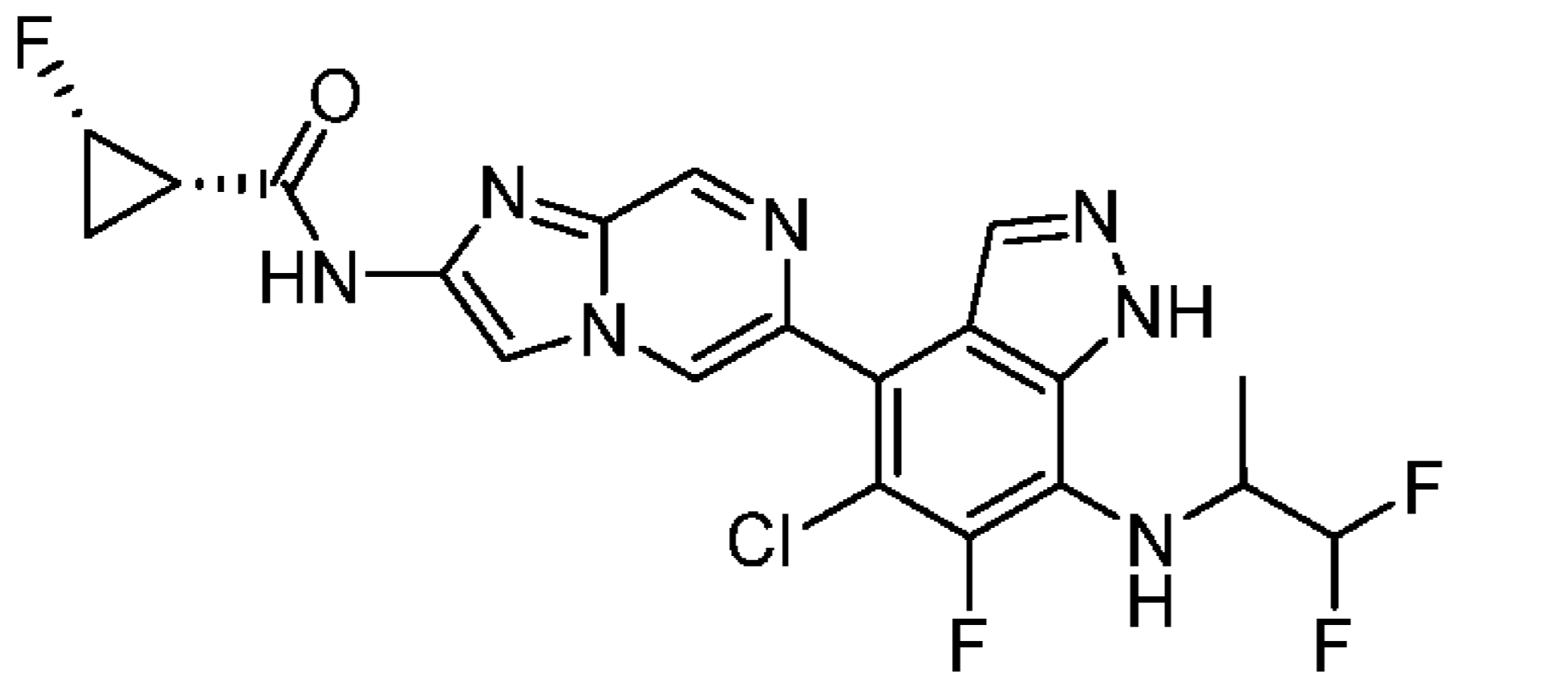
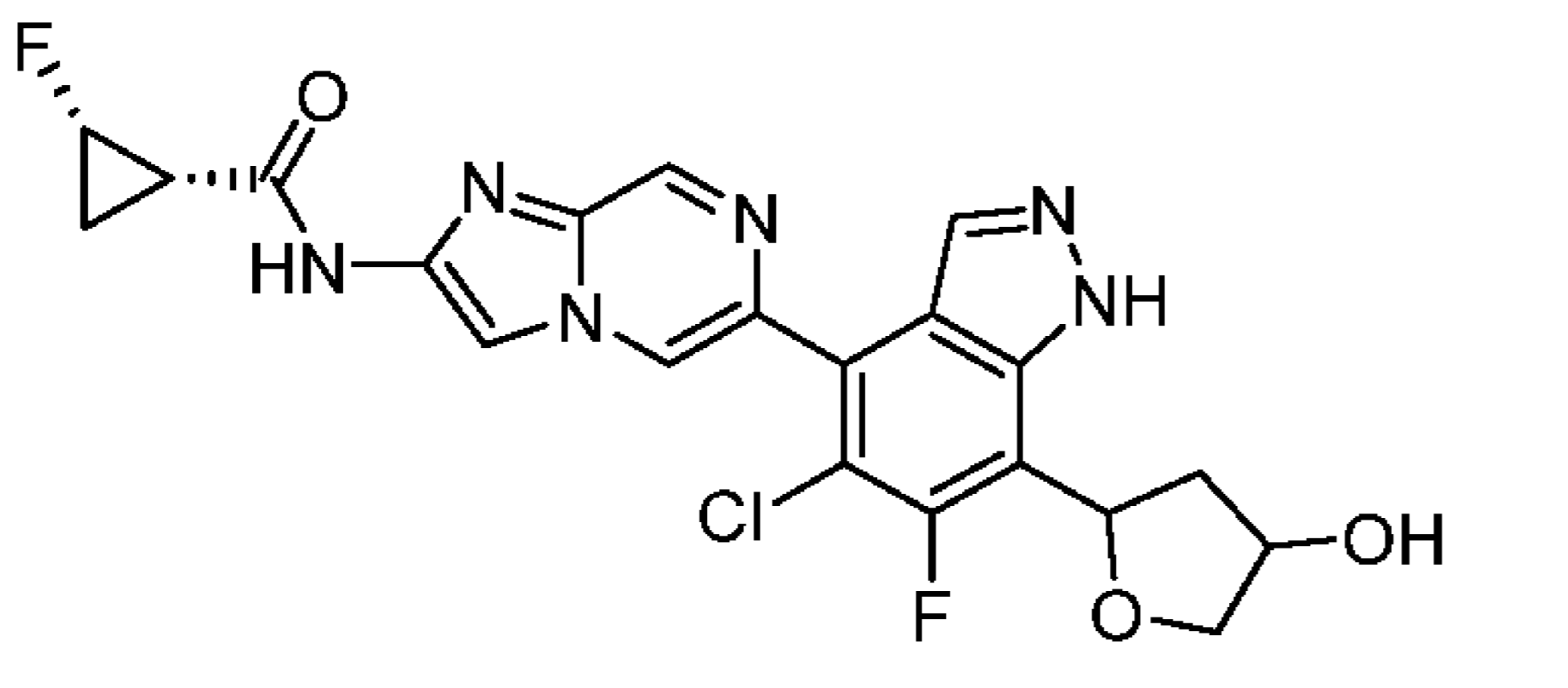
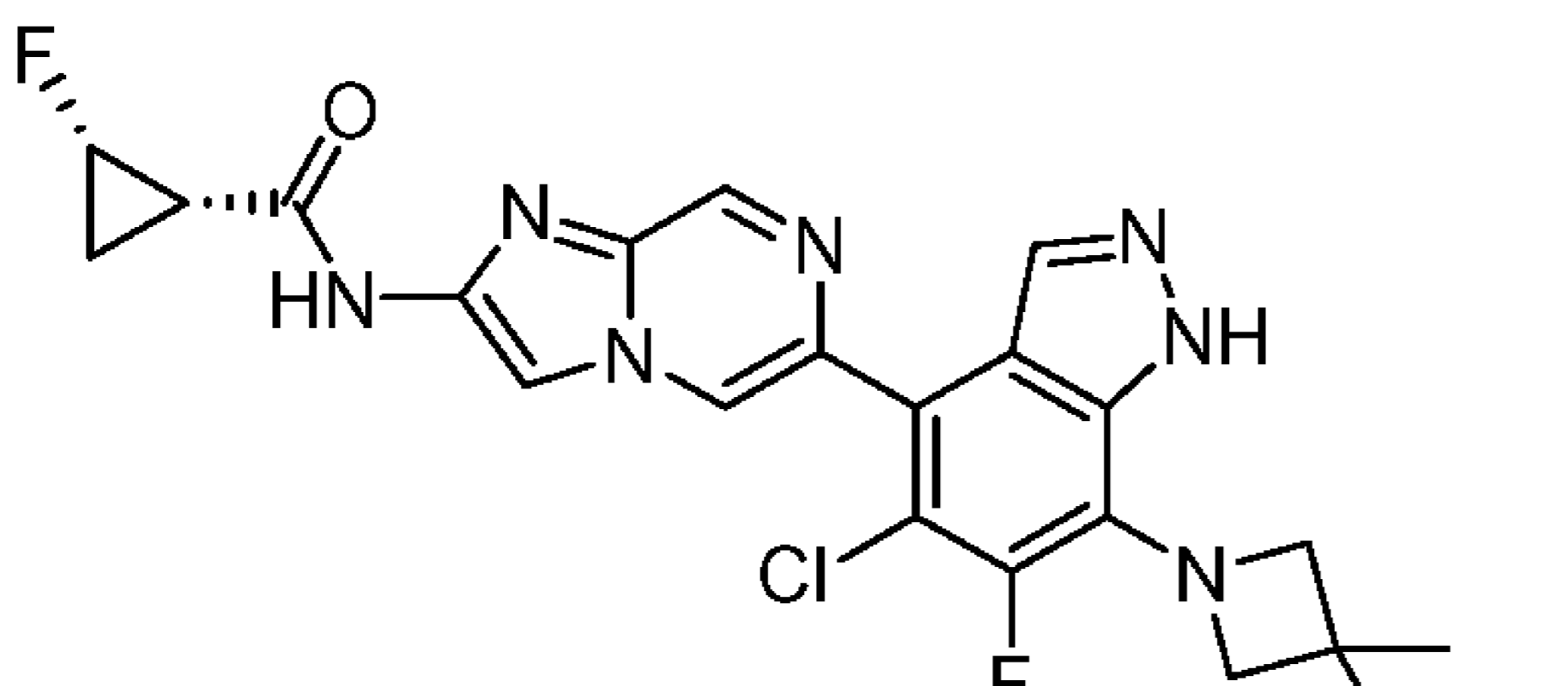
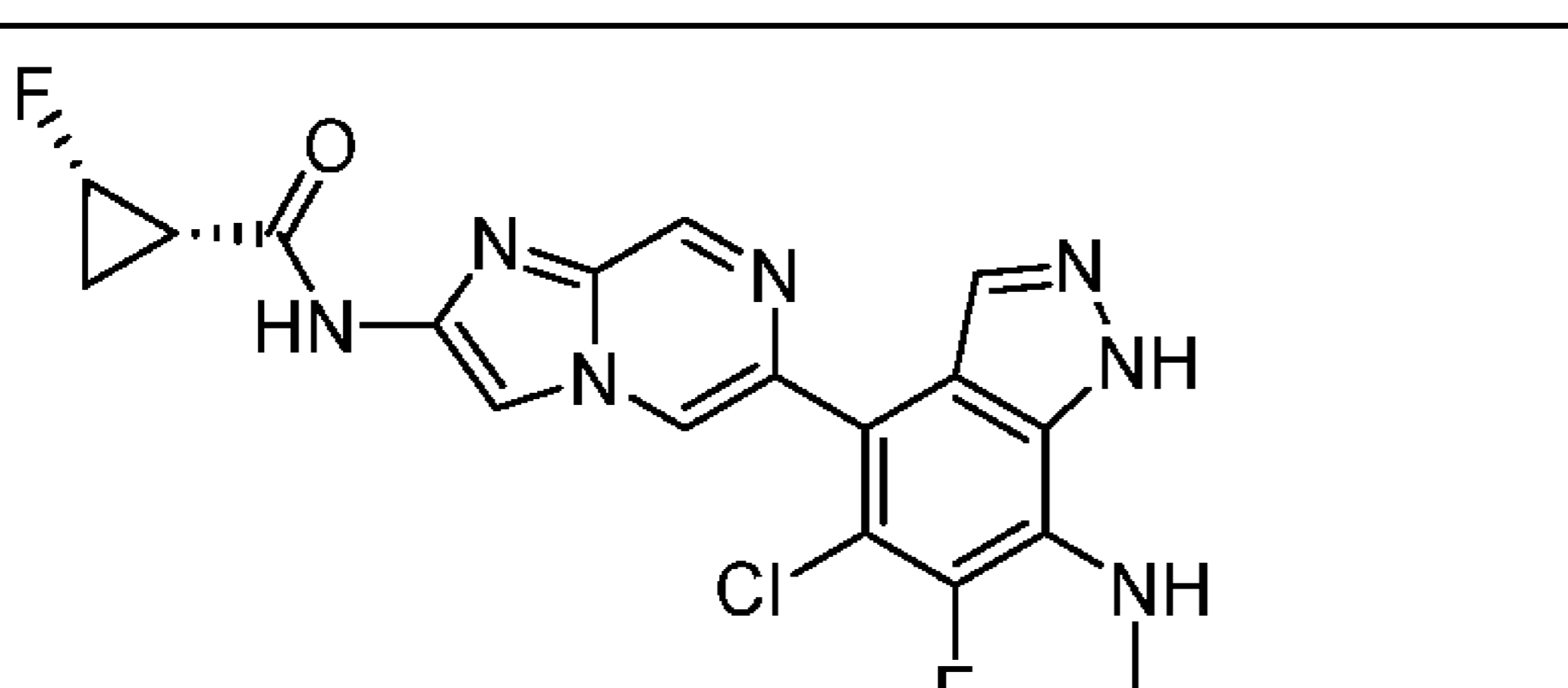
215	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.65 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.04 (d, J=1.3 Hz, 1H), 8.39 (s, 1H), 8.12 (s, 1H), 4.96 (m, 1H), 4.50 (m, 1H), 2.19 (m, 1H), 1.75 (br d, J=6.6 Hz, 3H), 1.66 (m, 1H), 1.21 (m, 1H); LCMS (electrospray) m/z 485.0 (M+H) ⁺ .	D
216	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.65 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.04 (d, J=1.3 Hz, 1H), 8.39 (s, 1H), 8.12 (s, 1H), 4.96 (m, 1H), 4.50 (m, 1H), 2.19 (m, 1H), 1.75 (br d, J=6.6 Hz, 3H), 1.66 (m, 1H), 1.21 (m, 1H); LCMS (electrospray) m/z 485.0 (M+H) ⁺ .	D
217	 <p>(1S,2S)-N-(6-(5-chloro-7-((cyclopropylmethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.19 (br s, 1H), 11.36 (s, 1H), 9.03 (s, 1H), 8.90 (s, 1H), 8.36 (s, 1H), 7.96 (br s, 1H), 5.76 - 5.58 (m, 1H), 5.13 - 4.81 (m, 1H), 3.36 (br d, J = 5.5 Hz, 2H), 2.19 (td, J = 6.9, 13.8 Hz, 1H), 1.76 - 1.61 (m, 1H), 1.23 - 1.15 (m, 1H), 1.07 (br d, J = 9.9 Hz, 1H), 0.48 (br d, J = 7.4 Hz, 2H), 0.33 - 0.23 (m, 2H); LCMS (electrospray) m/z 458.1 (M+H) ⁺ .	D
218	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.51 (br s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (s, 1H), 8.38 (s, 1H), 8.04 (br s, 1H), 5.09 - 4.85 (m, 1H), 3.79 (br s, 2H), 3.71 - 3.62 (m, 1H), 3.25 (s, 3H), 2.23 - 2.15 (m, 1H), 1.75 - 1.63 (m, 1H), 1.41 (br d, J = 6.0 Hz, 3H), 1.26 - 1.20 (m, 1H); LCMS (electrospray) m/z 461.2 (M+H) ⁺ .	D

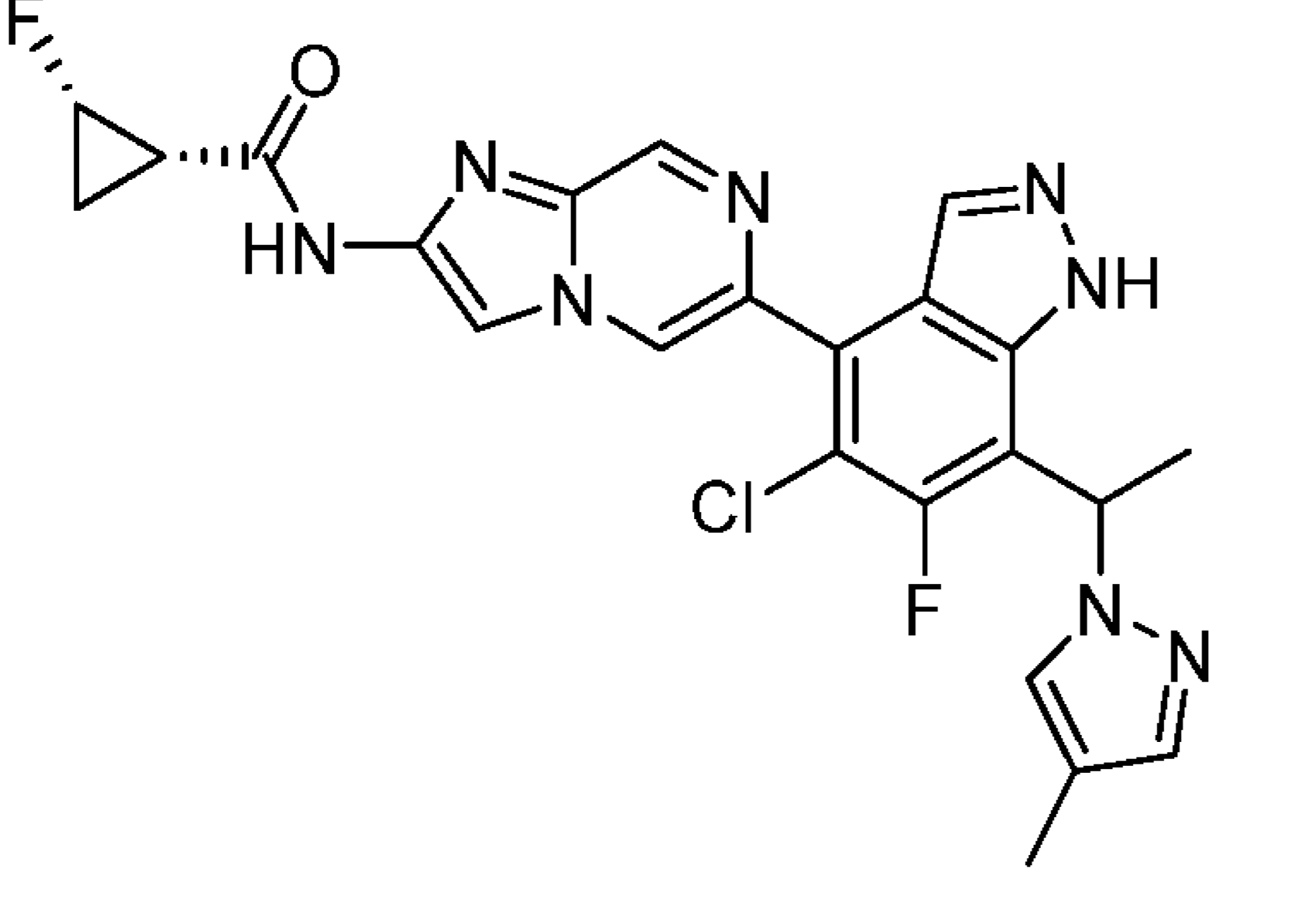
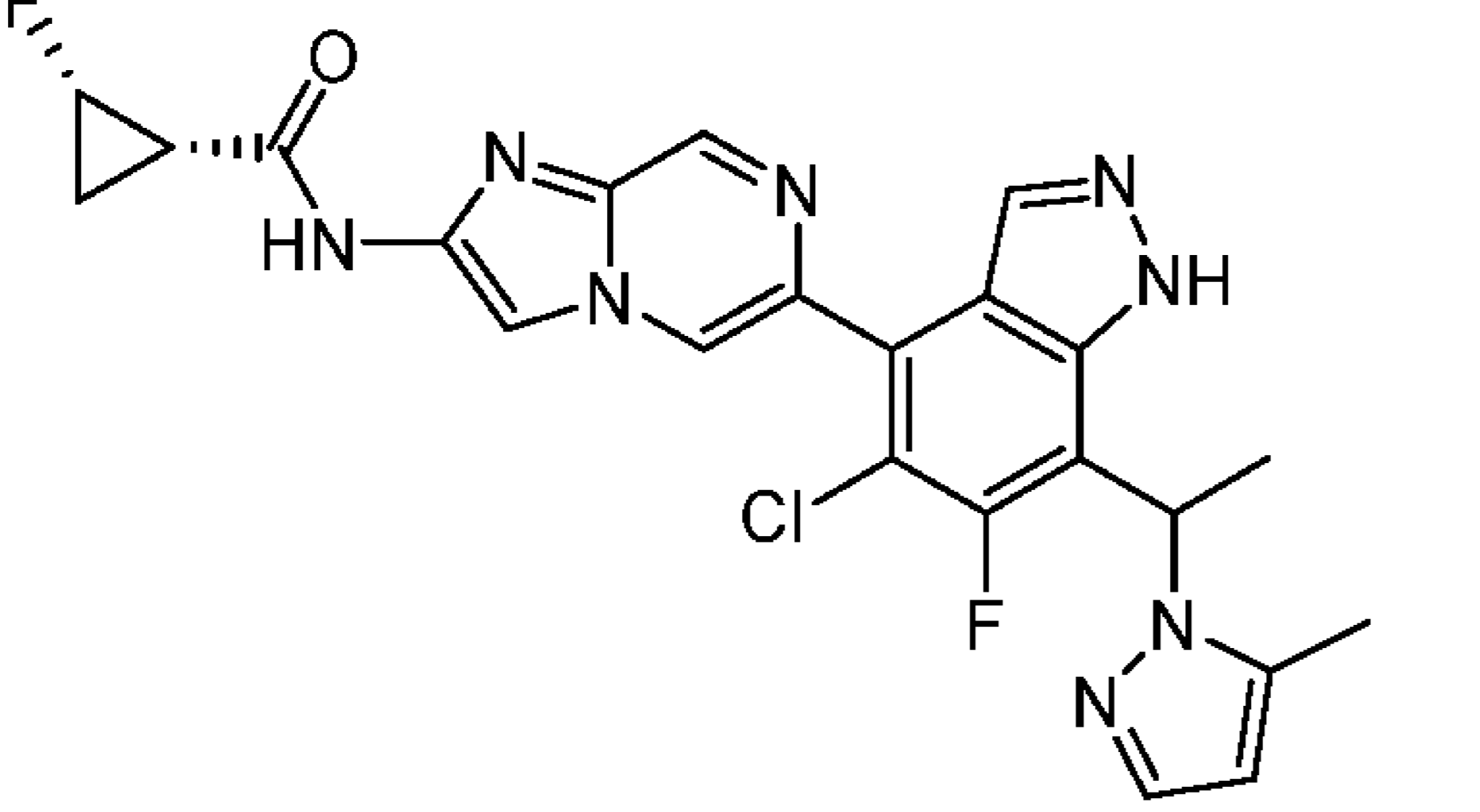
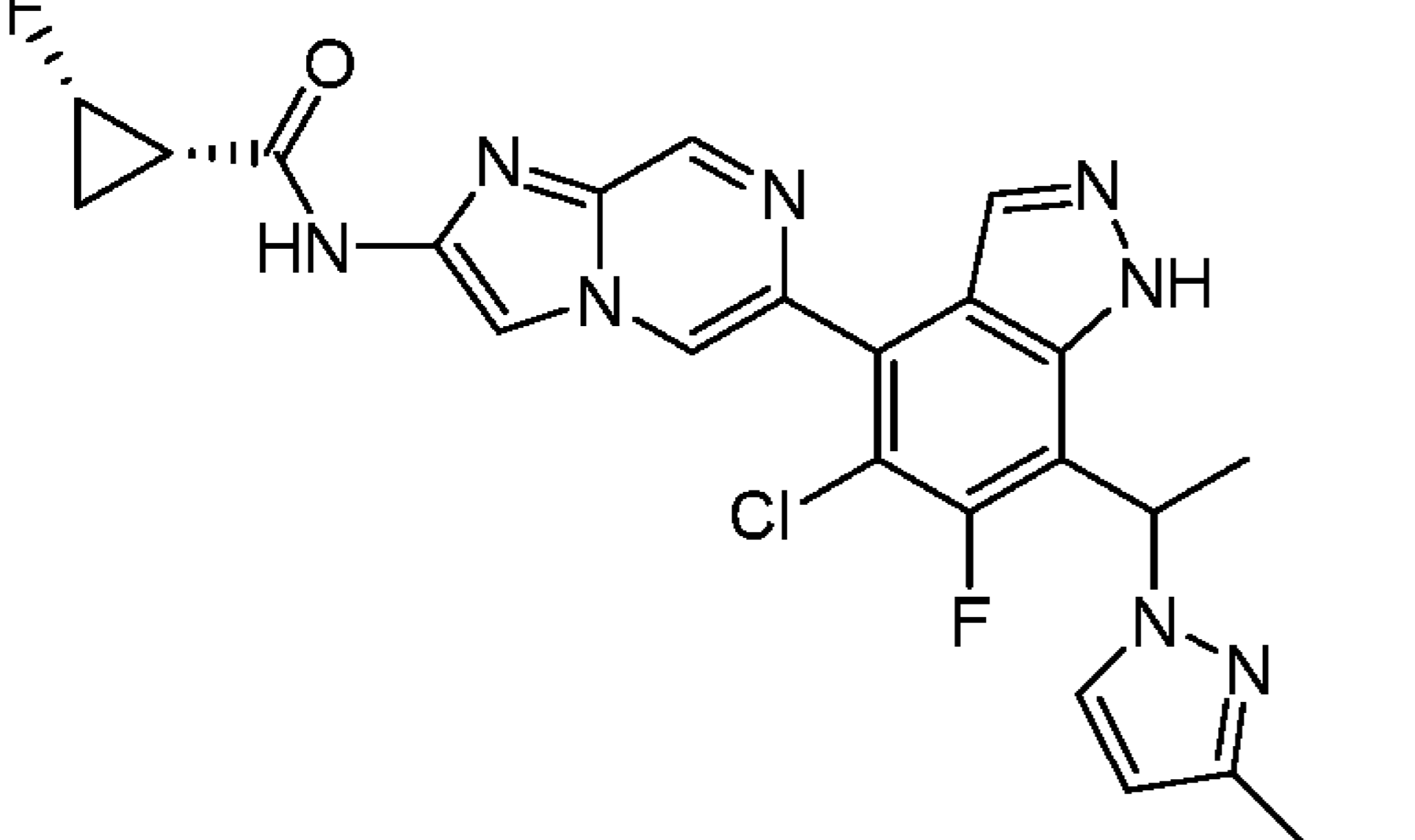
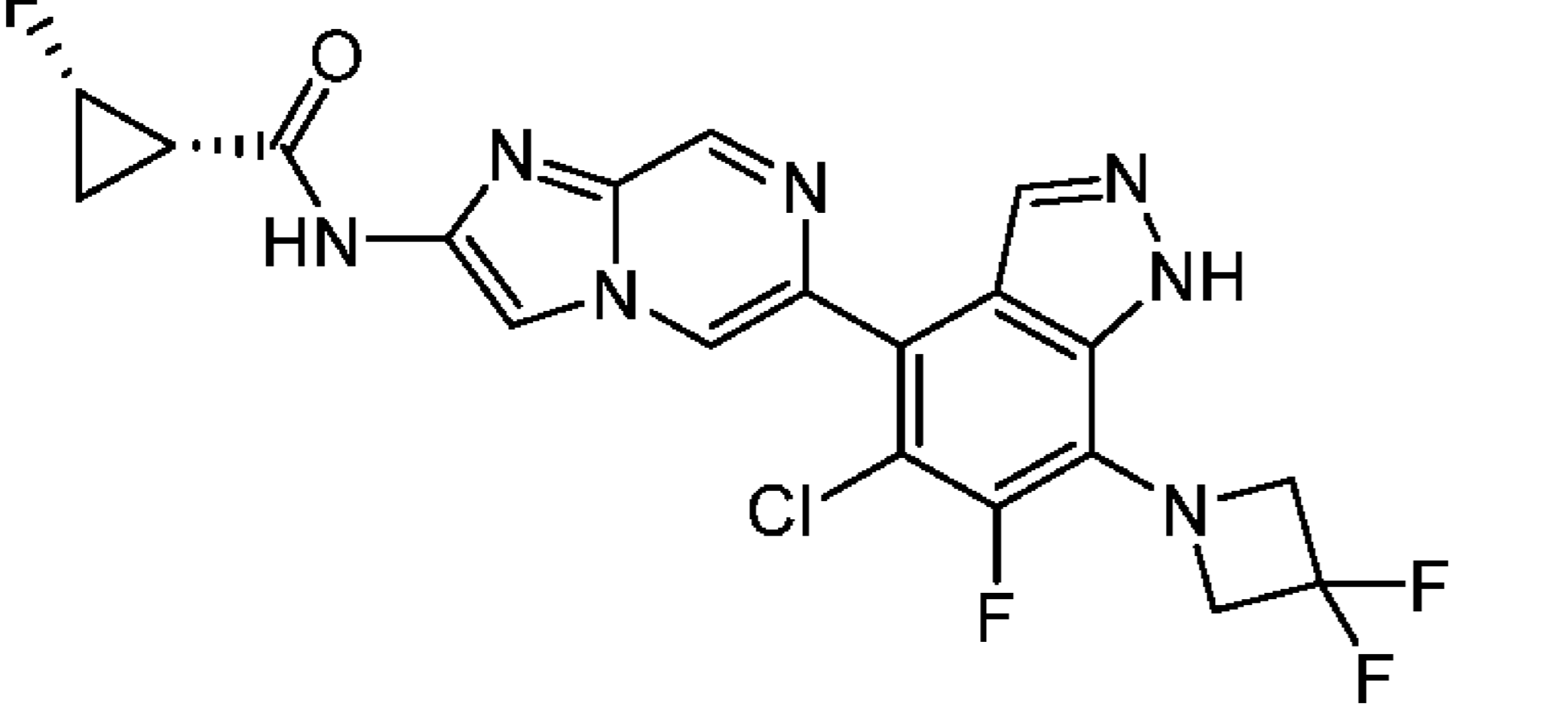
219	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.52 (br s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (s, 1H), 8.38 (s, 1H), 8.04 (br s, 1H), 5.09 - 4.84 (m, 1H), 3.79 (br s, 2H), 3.68 (br s, 1H), 3.25 (s, 3H), 2.25 - 2.14 (m, 1H), 1.76 - 1.62 (m, 1H), 1.41 (br d, J = 5.9 Hz, 3H), 1.26 - 1.20 (m, 2H); LCMS (electrospray) m/z 461.1 (M+H) ⁺ .	D
220	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-ethoxy-2,2,2-trifluoroethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.38 (s, 1H), 11.42 (s, 1H), 9.09-9.07 (m, 2H), 8.39 (s, 1H), 8.12 (d, J = 1.6 Hz, 1H), 5.83 (q, J = 7.0 Hz, 1H), 5.08-4.87 (m, 1H), 3.80-3.60 (m, 2H), 2.24-2.17 (m, 1H), 1.75-1.65 (m, 1H), 1.25-1.18 (m, 4H); LCMS (electrospray) m/z 515.7 (M+H) ⁺ .	D
221	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,2,2,2-tetrafluoroethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.74 (s, 1H), 11.42 (s, 1H), 9.09 (d, J = 1.1 Hz, 2H), 8.40 (s, 1H), 8.19 (s, 1H), 7.12-7.00 (m, 1H), 5.07-4.86 (m, 1H), 2.23-2.16 (m, 1H), 1.69 (dtd, J = 23.4, 6.9, 3.6 Hz, 1H), 1.25-1.17 (m, 1H); LCMS (electrospray) m/z 489.8 (M+H) ⁺ .	D
222	 <p>(1S,2S)-N-(6-(5-chloro-7-((3S,4S)-3,4-dimethoxypyrrolidin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.11 (s, 1H), 11.24 (s, 1H), 9.01 (s, 1H), 8.86 (s, 1H), 8.36 (s, 1H), 7.95 (s, 1H), 4.94 (dd, J = 66.2, 4.1 Hz, 1H), 4.08-3.99 (m, 5H), 3.60 (d, J = 9.9 Hz, 1H), 3.37 (s, 7H), 2.20 (d, J = 6.6 Hz, 1H), 1.73-1.65 (m, 1H), 1.22-1.10 (m, 1H); LCMS (electrospray) m/z 518.9 (M+H) ⁺ .	D

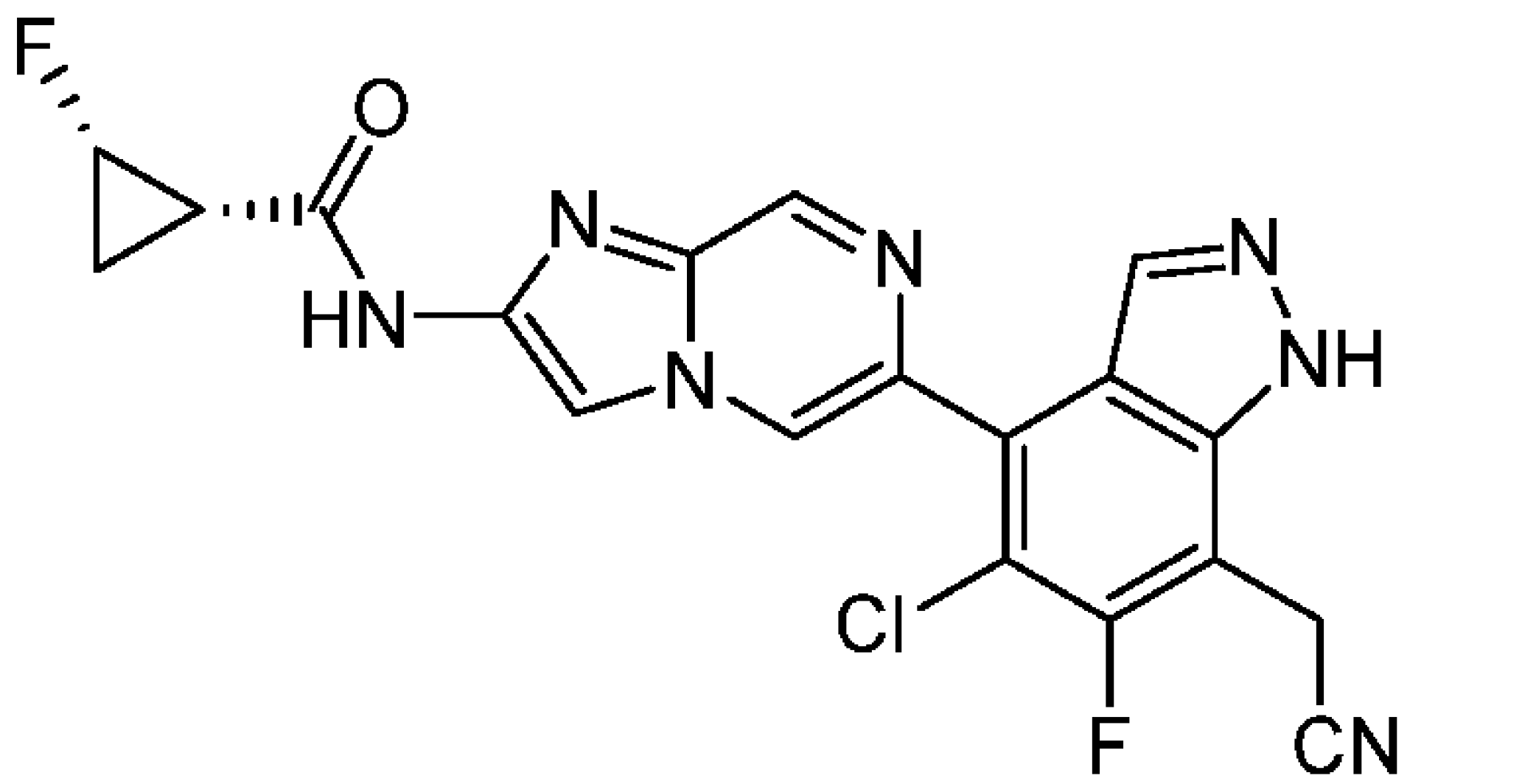
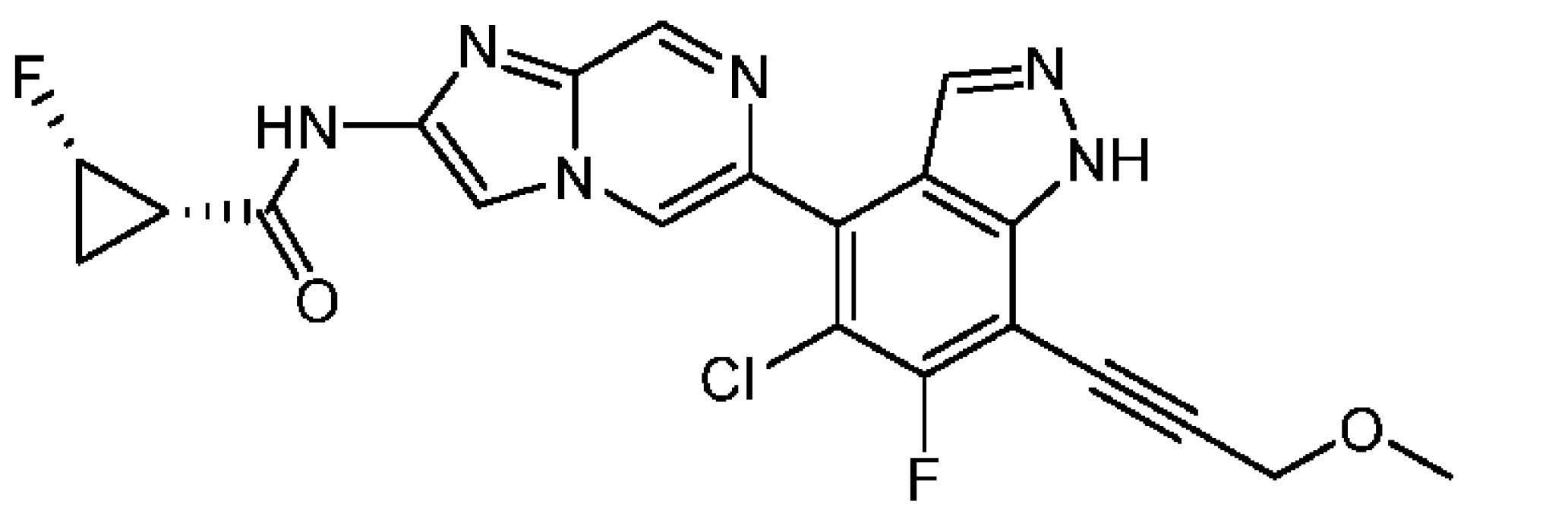
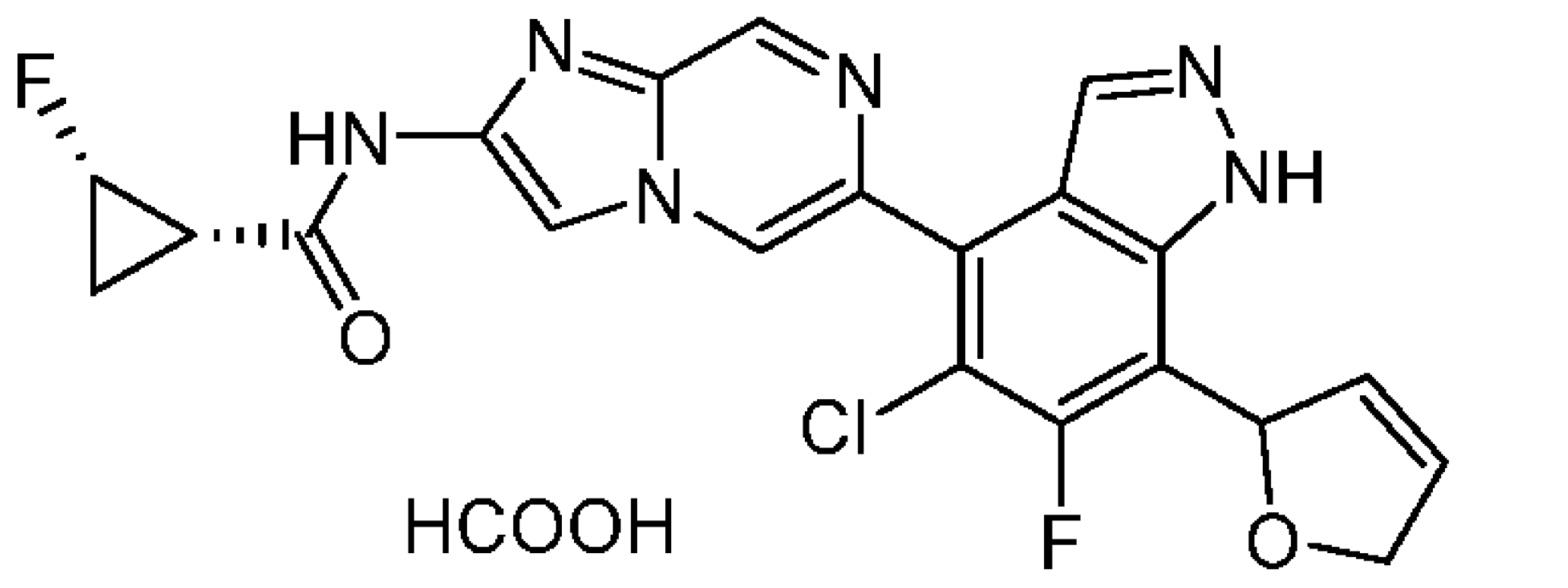
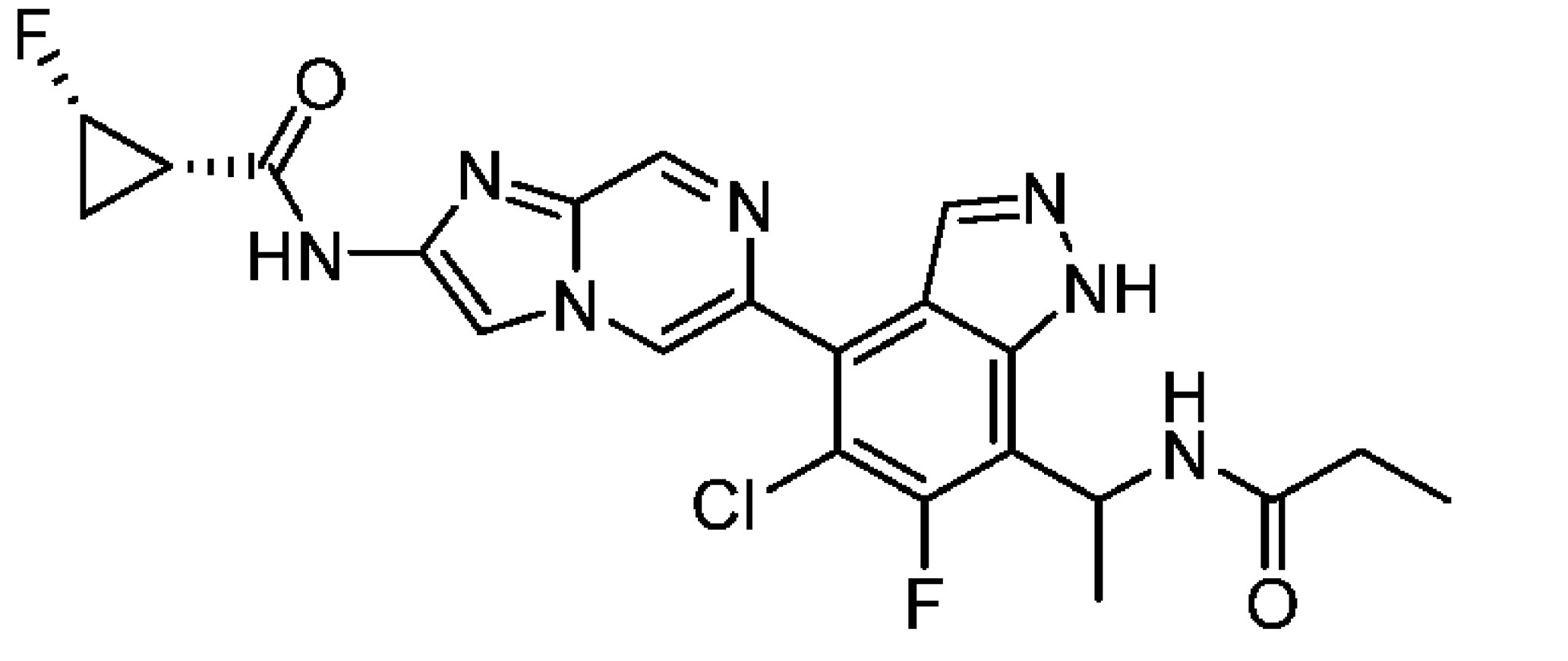
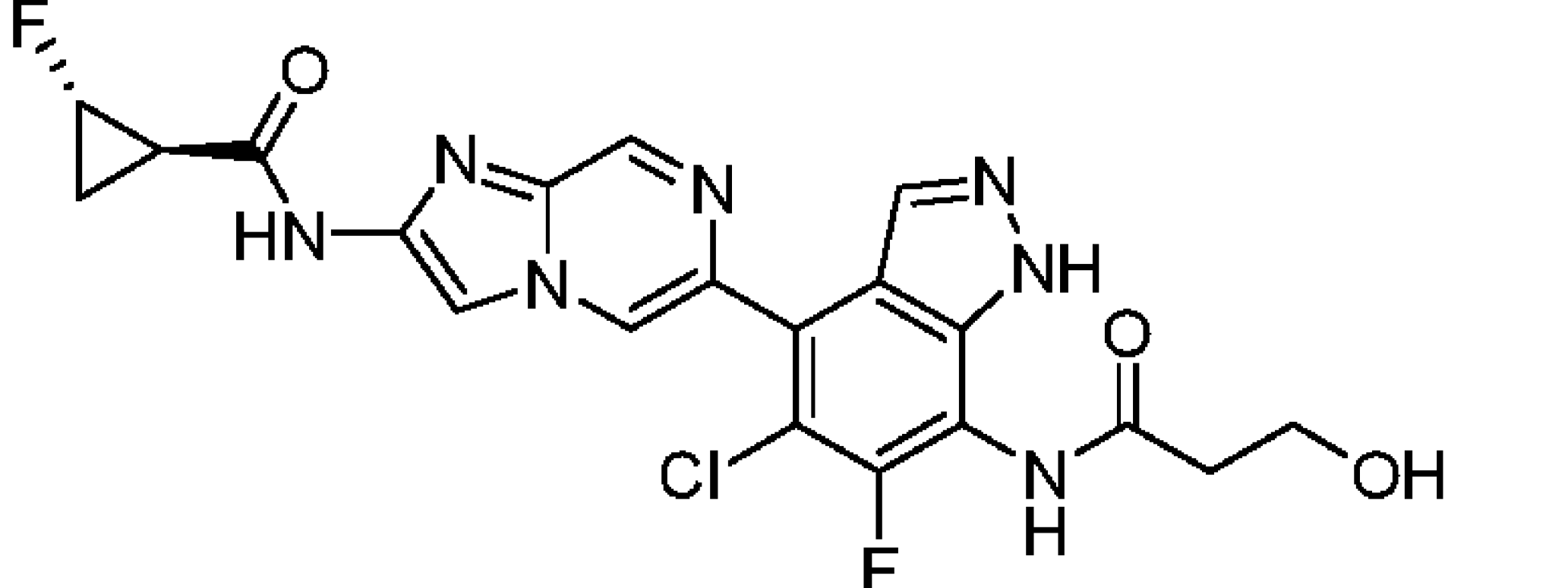
223	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(furan-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.41 (s, 1H), 9.09 (s, 1H), 9.04 (s, 1H), 8.49 (s, 1H), 8.41 (s, 1H), 8.18 (s, 1H), 7.96 (s, 1H), 7.18 (d, J = 1.2 Hz, 1H), 5.14 - 4.83 (m, 1H), 2.23 - 2.17 (m, 1H), 1.77 - 1.64 (m, 1H), 1.24 - 1.18 (m, 1H); LCMS (electrospray) m/z 455.1 (M+H) ⁺ .	D
224	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(propa-1,2-dien-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.66 - 13.30 (m, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.03 (d, J = 1.2 Hz, 1H), 8.49 (s, 1H), 8.40 (s, 1H), 8.11 (s, 1H), 6.78 (t, J = 6.7 Hz, 1H), 5.51 (d, J = 7.0 Hz, 2H), 5.17 - 4.68 (m, 1H), 2.25 - 2.14 (m, 1H), 1.77 - 1.62 (m, 1H), 1.24 - 1.17 (m, 1H); LCMS (electrospray) m/z 427.1 (M+H) ⁺ .	D
225	 <p>(1S,2R)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.35 (br s, 1H), 11.50 (s, 1H), 9.07 (d, J = 0.6 Hz, 1H), 8.96 (d, J = 1.5 Hz, 1H), 8.33 (s, 1H), 8.00 (s, 1H), 5.06 - 4.79 (m, 1H), 3.06 - 2.99 (m, 4H), 2.60 - 2.53 (m, 2H), 1.66 - 1.50 (m, 1H), 1.29 (qd, J = 6.6, 13.2 Hz, 1H), 0.68 - 0.59 (m, 2H), 0.53 - 0.41 (m, 2H); LCMS (electrospray) m/z 458.1 (M+H) ⁺ .	D
226	 <p>(1R,2R)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.34 - 13.32 (m, 1H), 11.38 (s, 1H), 9.05 (d, J = 0.4 Hz, 1H), 8.95 (d, J = 1.6 Hz, 1H), 8.36 (s, 1H), 7.99 (s, 1H), 5.06 - 4.86 (m, 1H), 3.01 (m, 4H), 2.20 - 2.17 (m, 1H), 1.73 - 1.64 (m, 1H), 1.20 - 1.16 (m, 1H), 0.65 - 0.61 (m, 2H), 0.49 - 0.45 (m, 2H); LCMS (electrospray) m/z 458.1 (M+H) ⁺ .	D
227	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(hydroxy(tetrahydro-2H-pyran-3-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.28 (br s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.02 (s, 1H), 5.88 (br d, J = 3.5 Hz, 1H), 5.08 - 4.85 (m, 2H), 4.16 (br dd, J = 3.4, 10.6 Hz, 1H), 3.74 (br d, J = 11.5 Hz, 1H), 3.42 (t, J = 10.0 Hz, 1H), 3.30 (s, 1H), 2.23 - 2.17 (m, 2H), 1.76 - 1.63 (m, 1H), 1.56 - 1.49 (m, 1H), 1.38 - 1.29 (m, 2H), 1.23 - 1.17 (m, 2H); LCMS	D

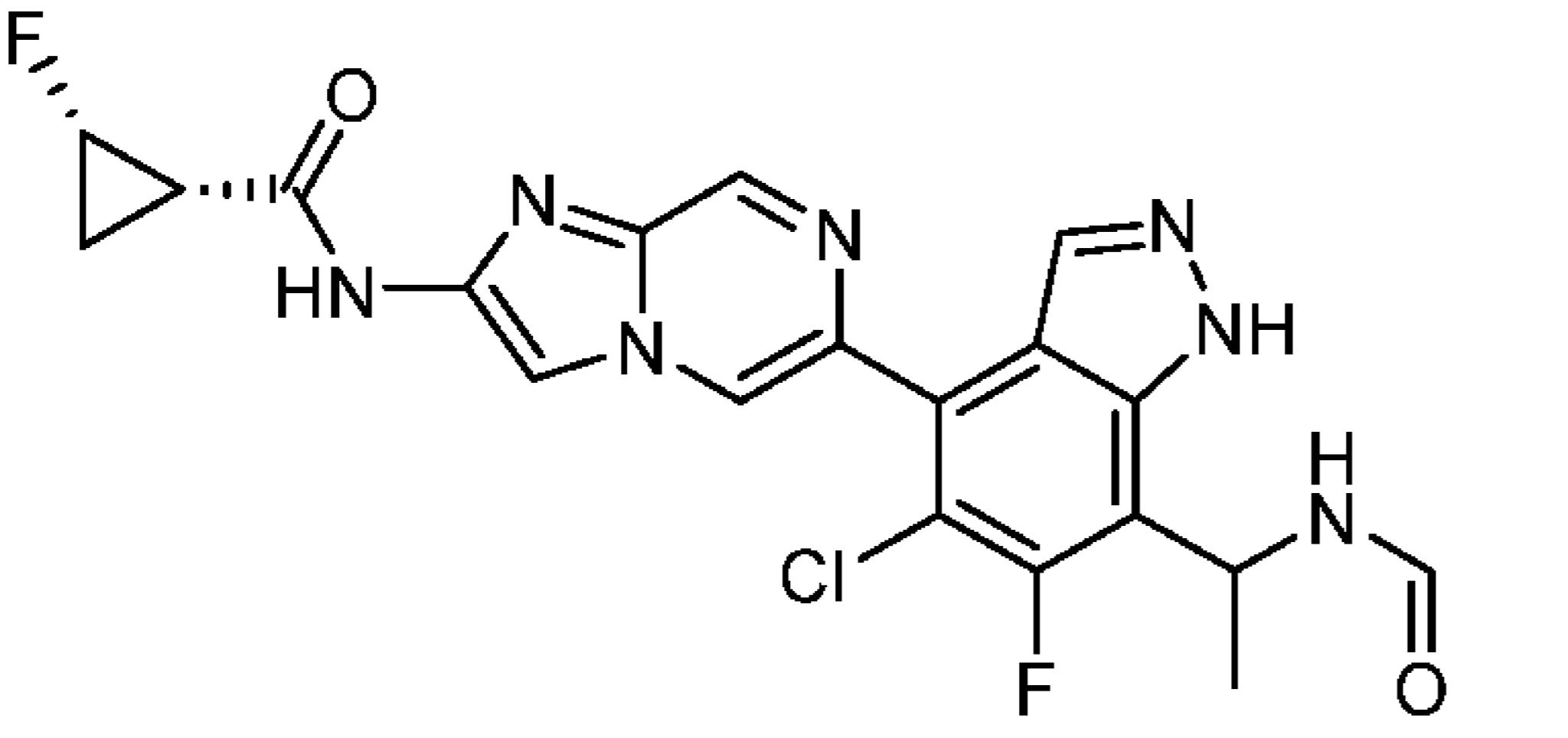
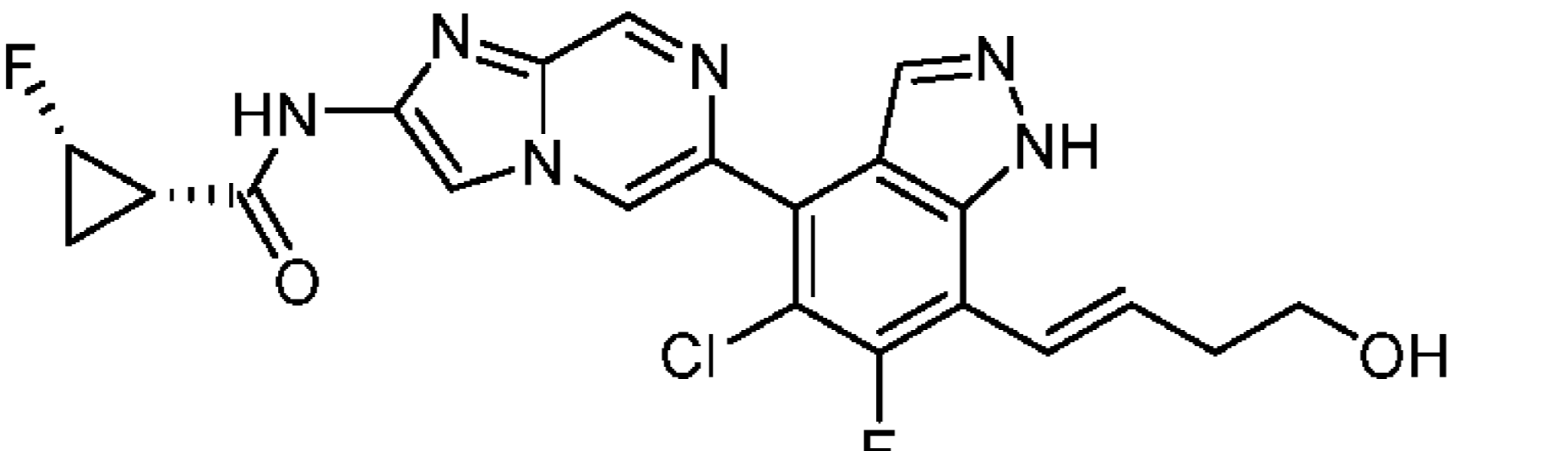
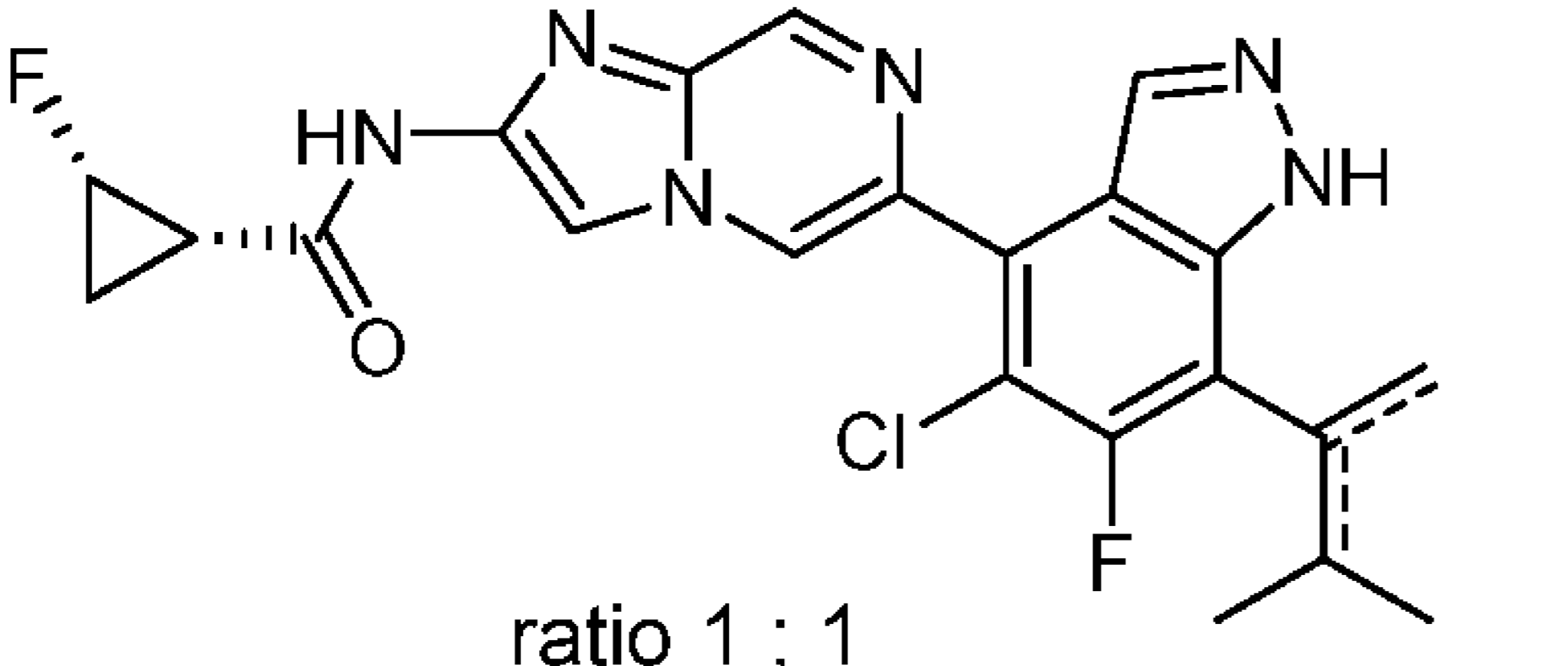
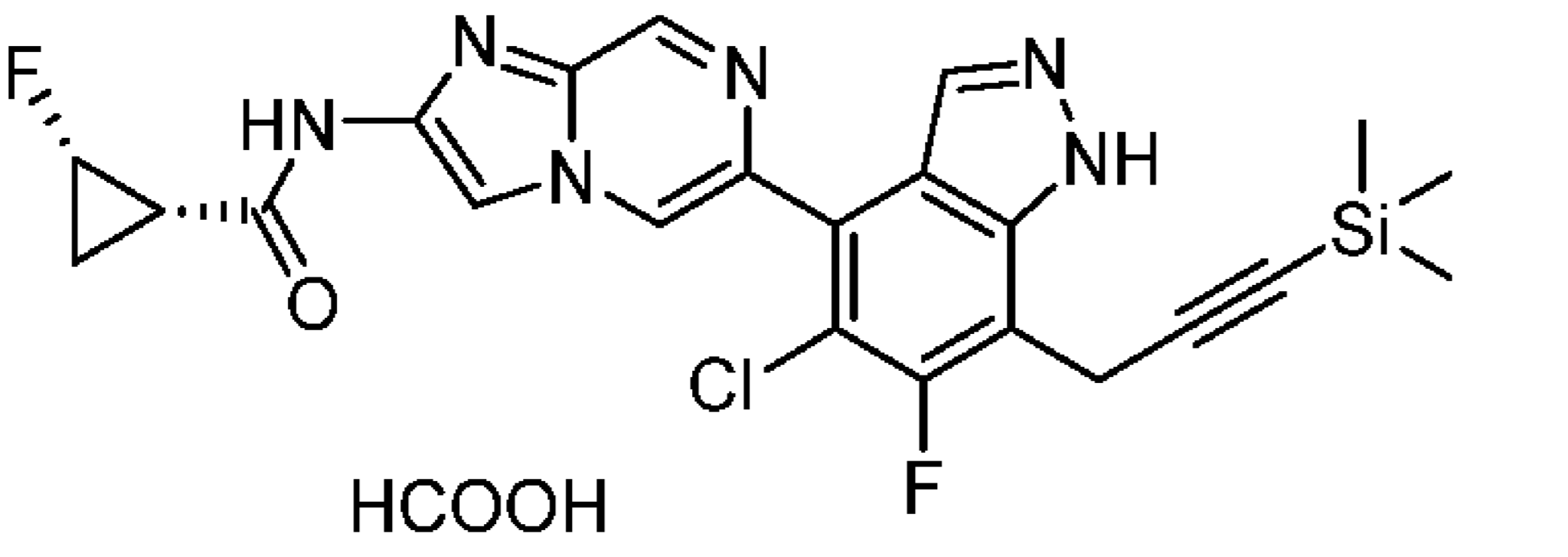
	yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide	(electrospray) m/z 503.4 (M+H)+.	
228	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.02-13.21 (m, 1H), 11.30-11.40 (m, 1H), 8.95-9.06 (m, 1H), 8.75-8.82 (m, 1H), 8.29-8.41 (m, 1H), 7.81-7.95 (m, 1H), 5.01-5.08 (m, 1H), 4.84-4.95 (m, 2H), 3.92-4.13 (m, 1H), 2.24-2.30 (m, 3H), 2.12-2.23 (m, 2H), 1.61-1.76 (m, 1H), 1.20-1.27 (m, 1H), 1.16-1.20 (m, 1H); LCMS (electrospray) m/z 458.1 (M+H)+.	D
229	 <p>(1S,2S)-N-(6-(5-chloro-7-(5,6-dihydro-1,4-dioxin-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.28 (br s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.3 Hz, 1H), 8.39 (s, 1H), 8.04 (s, 1H), 6.94 (s, 1H), 5.12 - 4.82 (m, 1H), 4.36 (dd, J = 2.8, 4.8 Hz, 2H), 4.27 - 4.22 (m, 2H), 2.24 - 2.15 (m, 1H), 1.76 - 1.58 (m, 1H), 1.26 - 1.14 (m, 1H); LCMS (electrospray) m/z 473.1 (M+H)+.	D
230	 <p>(1S,2S)-N-(6-(7-(1-(1H-pyrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.51 (s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.09 (s, 1H), 8.05 (s, 1H), 7.48 (s, 1H), 6.30 (s, 1H), 6.25 (q, J = 6.8 Hz, 1H), 5.06-4.86 (m, 1H), 2.21-2.15 (m, 1H), 2.09 (d, J = 7.1 Hz, 3H), 1.72-1.65 (m, 1H), 1.21-1.16 (m, 1H); LCMS (electrospray) m/z 483.85 (M+H)+.	D
231	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1R,3S)-3-hydroxycyclopentyl)(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.41 (s, 1H), 11.39 (s, 1H), 9.05 (s, 1H), 8.97 (d, J = 1.1 Hz, 1H), 8.37 (s, 1H), 8.00 (d, J = 1.1 Hz, 1H), 5.10-4.82 (m, 1H), 4.57 (d, J = 3.8 Hz, 1H), 4.48-4.39 (m, 1H), 4.16-4.04 (m, 1H), 3.70 (t, J = 7.1 Hz, 1H), 2.89 (d, J = 1.1 Hz, 3H), 2.28-2.14 (m, 1H), 2.14-2.03 (m, 1H), 1.78-1.63 (m, 4H), 1.61-1.39 (m, 2H), 1.33-1.20 (m, 1H); LCMS (electrospray) m/z 502.90 (M+H)+.	D

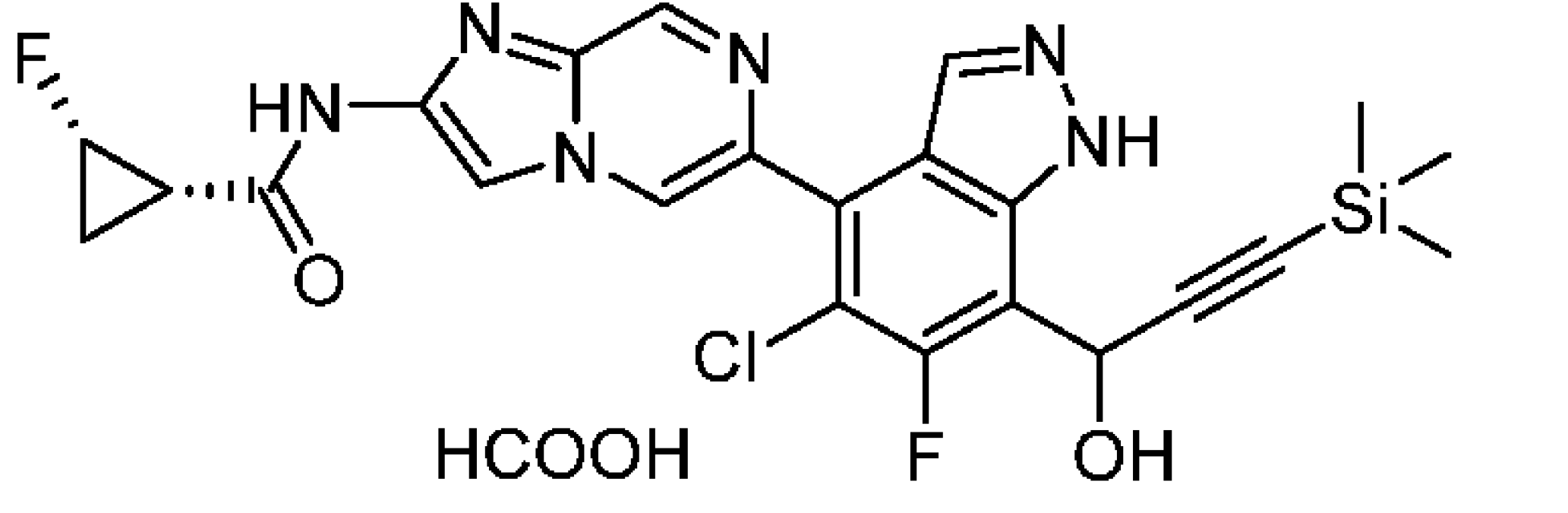
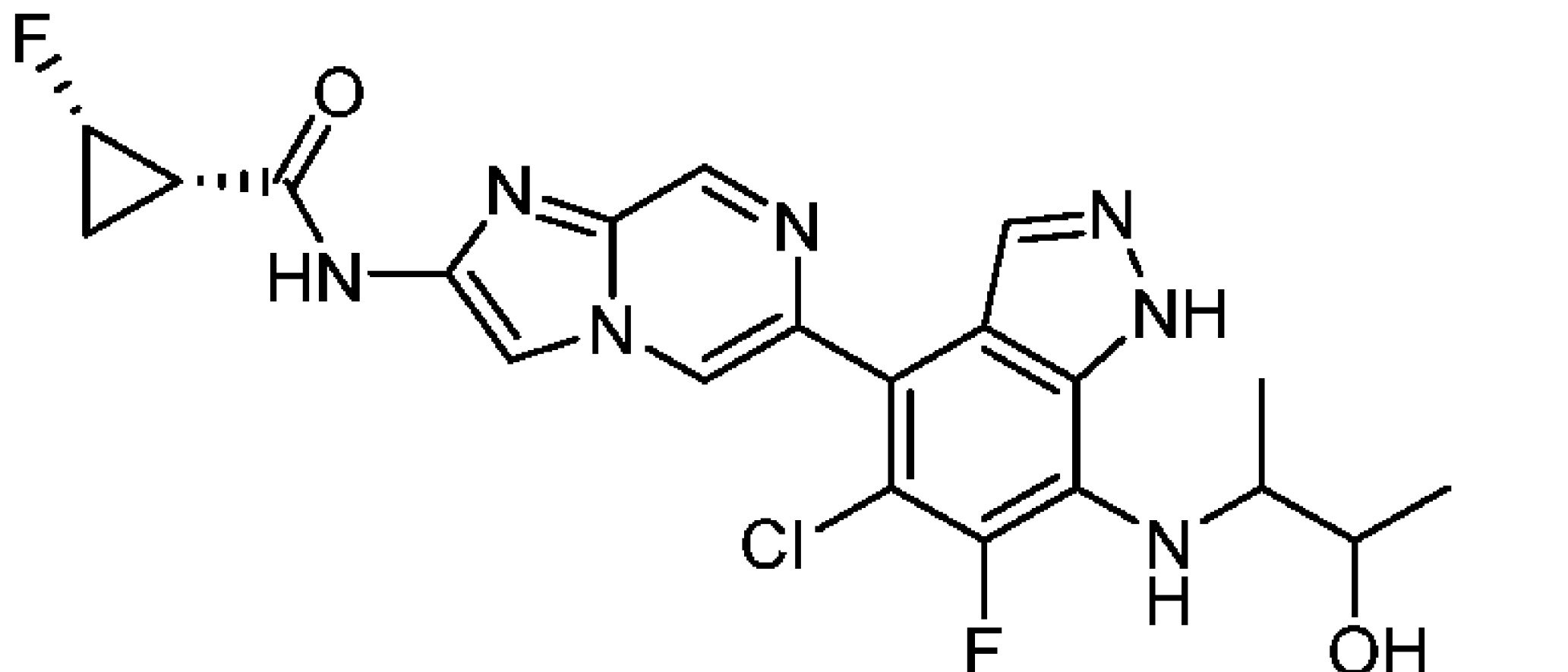
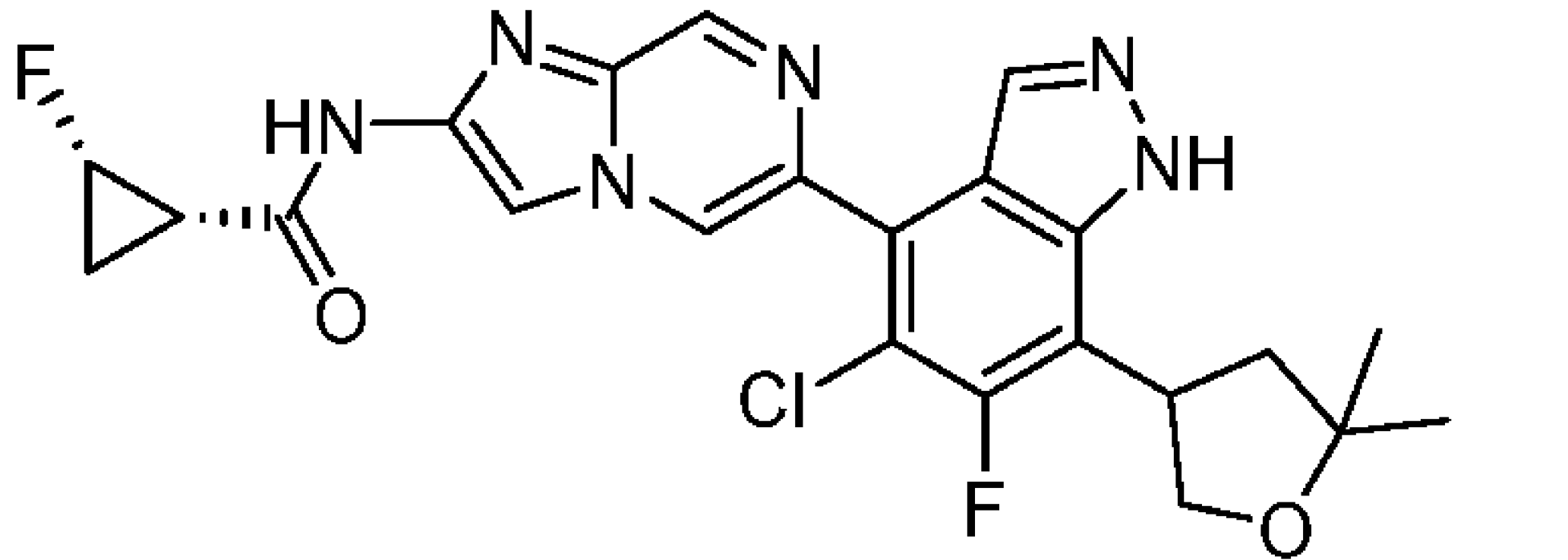
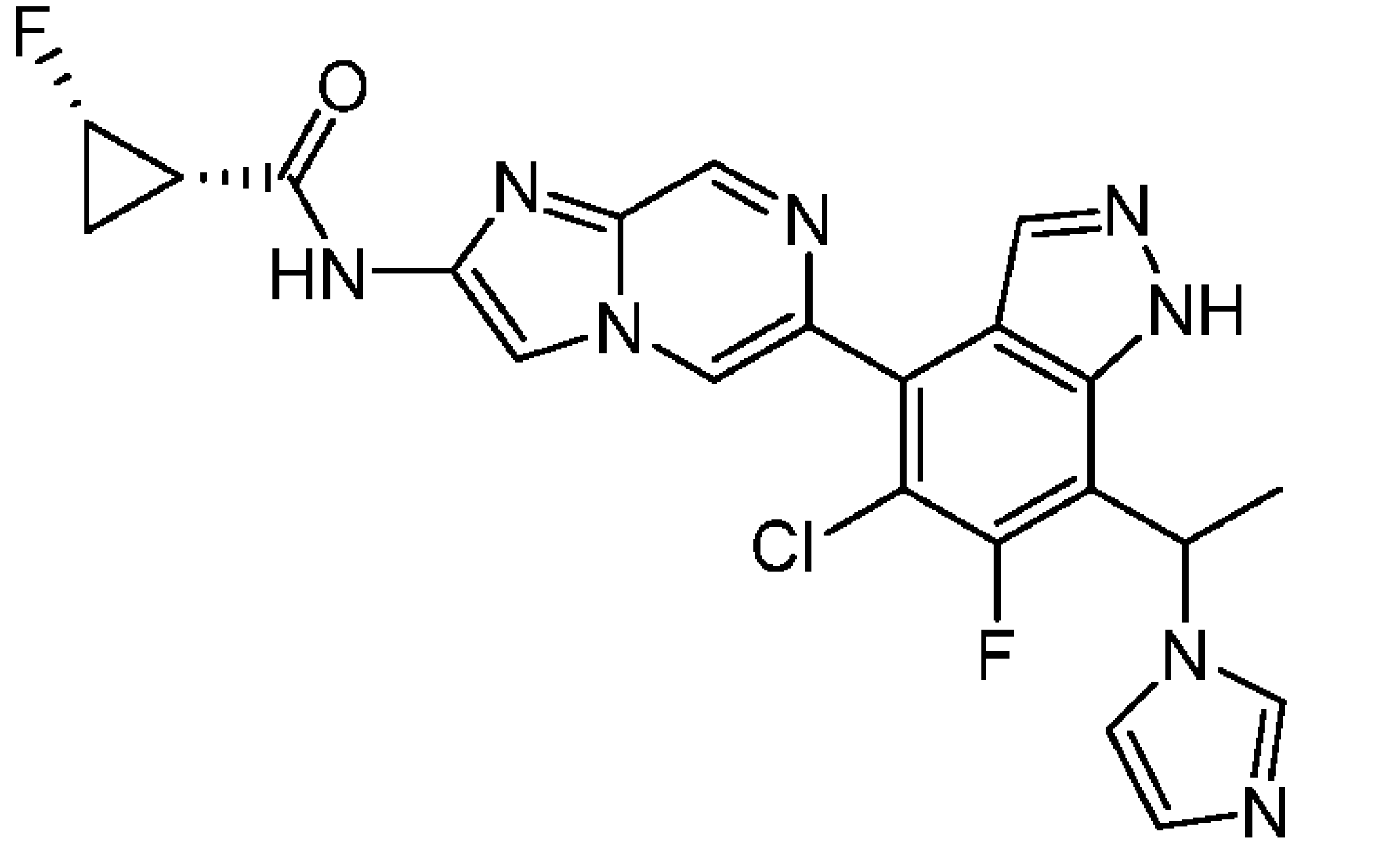
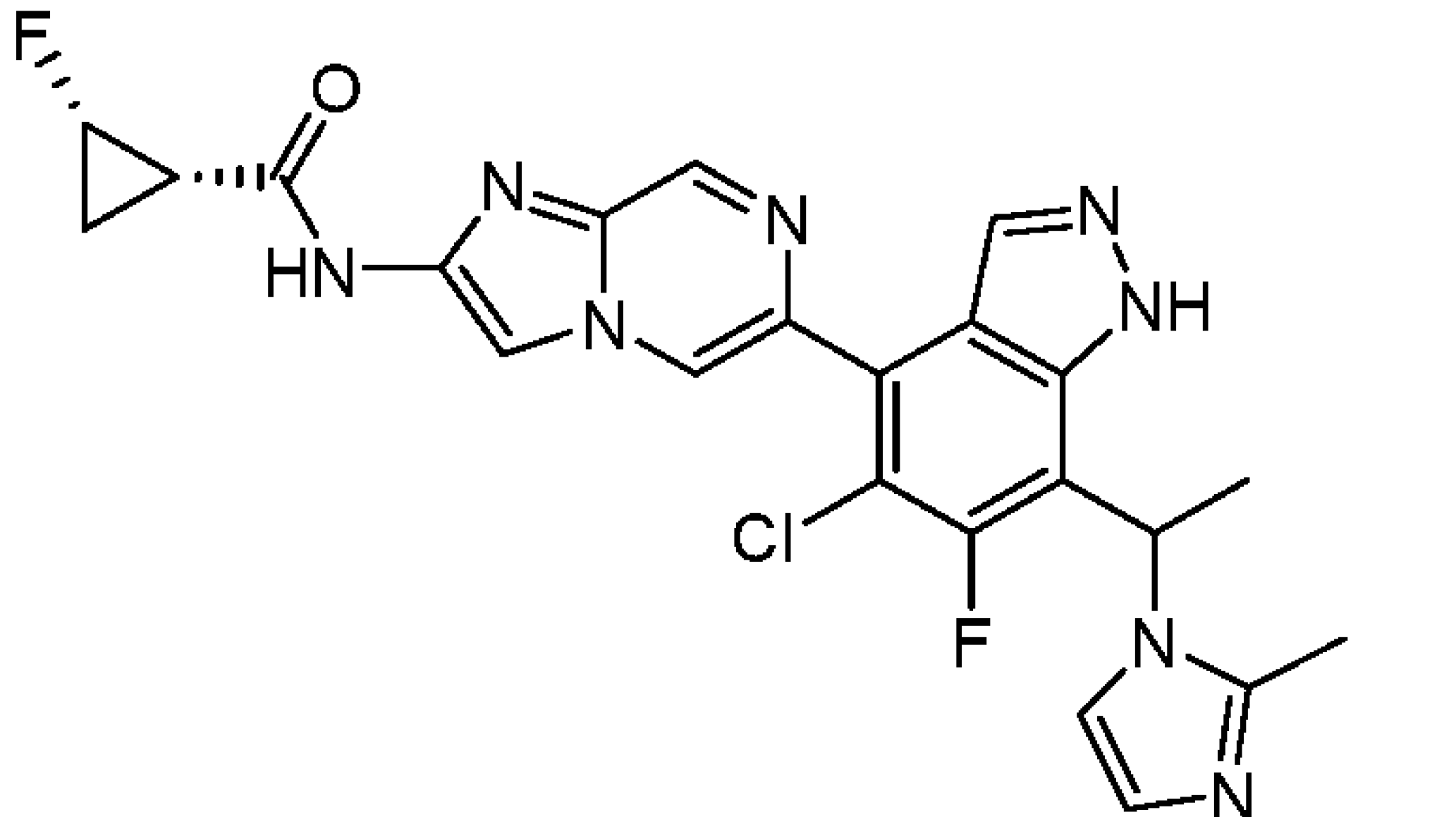
232	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(prop-1-en-2-yl)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.52-13.91 (m, 1H), 11.38-11.44 (m, 1H), 8.99 (s, 1H), 8.87-8.93 (m, 1H), 8.32-8.38 (m, 1H), 8.06-8.12 (m, 1H), 5.64-5.71 (m, 1H), 5.38-5.44 (m, 1H), 5.00-5.09 (m, 1H), 4.85-4.92 (m, 1H), 2.15-2.27 (m, 5H), 1.63-1.76 (m, 1H), 1.15-1.27 (m, 1H); LCMS (electrospray) m/z 463.2 (M+H) ⁺ .	D
233	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(5-methylfuran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.99 - 13.14 (m, 1H), 11.40 (s, 1H), 9.26 - 8.79 (m, 2H), 8.40 (s, 1H), 8.29 (s, 1H), 8.17 (s, 1H), 6.78 (br s, 1H), 5.13 - 4.68 (m, 1H), 2.40 (s, 3H), 2.22 - 2.15 (m, 1H), 1.74 - 1.64 (m, 1H), 1.22 - 1.15 (m, 1H); LCMS (electrospray) m/z 469.1 (M+H) ⁺ .	D
234	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxyprop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 14.48 - 13.25 (m, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.06 (d, J = 1.5 Hz, 1H), 8.40 (s, 1H), 8.16 (s, 1H), 5.55 (br d, J = 1.8 Hz, 1H), 5.13 - 4.77 (m, 1H), 4.50 (s, 2H), 2.89 (s, 1H), 2.73 (s, 1H), 2.28 - 2.06 (m, 1H), 1.84 - 1.55 (m, 1H), 1.21 (tdd, J = 6.3, 9.0, 12.4 Hz, 1H); LCMS (electrospray) m/z 443.0 (M+H) ⁺ .	D
235	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-2-yn-1-ylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.83 - 13.38 (m, 1H), 11.37 (s, 1H), 9.03 (s, 1H), 8.93 (s, 1H), 8.48 (s, 1H), 8.35 (s, 1H), 8.01 (br s, 1H), 6.29 (br dd, J = 1.3, 3.0 Hz, 1H), 5.13 - 4.80 (m, 1H), 4.30 (br s, 2H), 3.09 (s, 1H), 2.19 (td, J = 7.0, 13.7 Hz, 1H), 1.78 - 1.60 (m, 1H), 1.20 (tdd, J = 6.1, 9.1, 12.5 Hz, 1H); LCMS (electrospray) m/z 442.1 (M+H) ⁺ .	D
236	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydrofuran-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.09 (m, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.01 (d, J=1.3 Hz, 1H), 8.40 (s, 1H), 8.06 (s, 1H), 5.39 - 5.30 (m, 1H), 5.10-4.83 (m, 1H), 4.32 (q, J=7.3 Hz, 1H), 3.91-3.79 (m, 1H), 2.46-2.38 (m, 1H), 2.26-2.16 (m, 1H), 2.16-2.00 (m, 3H), 1.99-1.82 (m, 1H), 1.77 - 1.61 (m, 1H), 1.28-1.14 (m, 1H); LCMS (electrospray) m/z 459.1 (M+H) ⁺ .	D

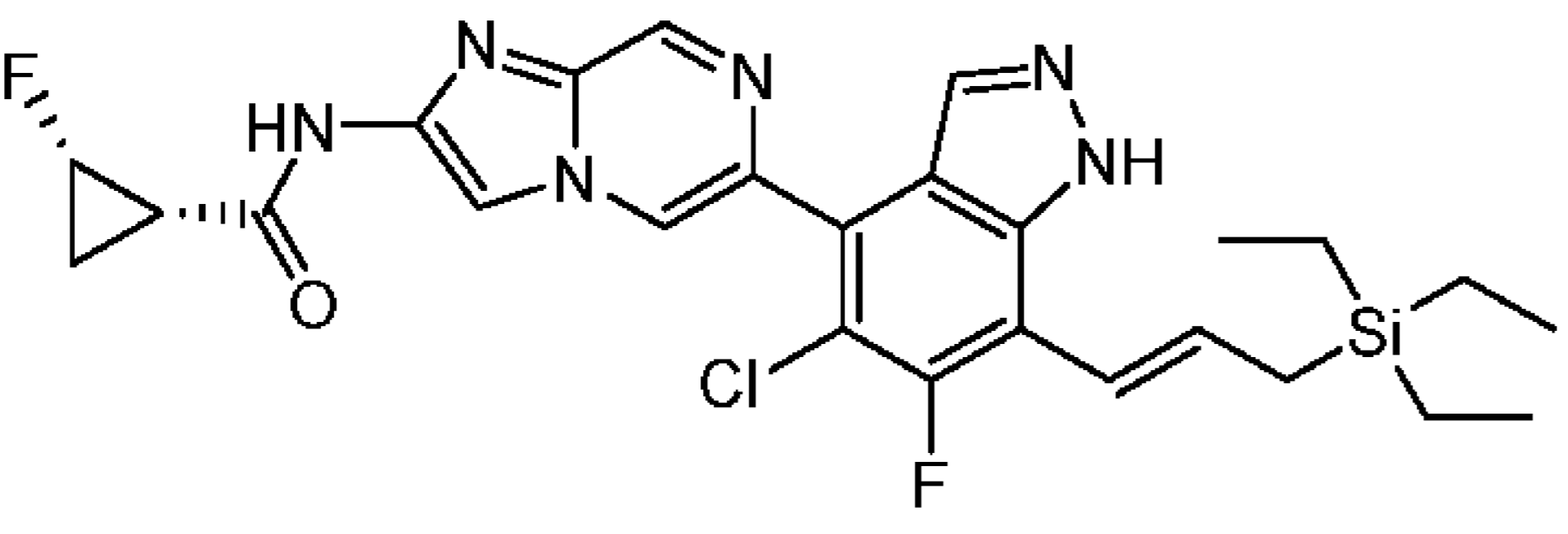
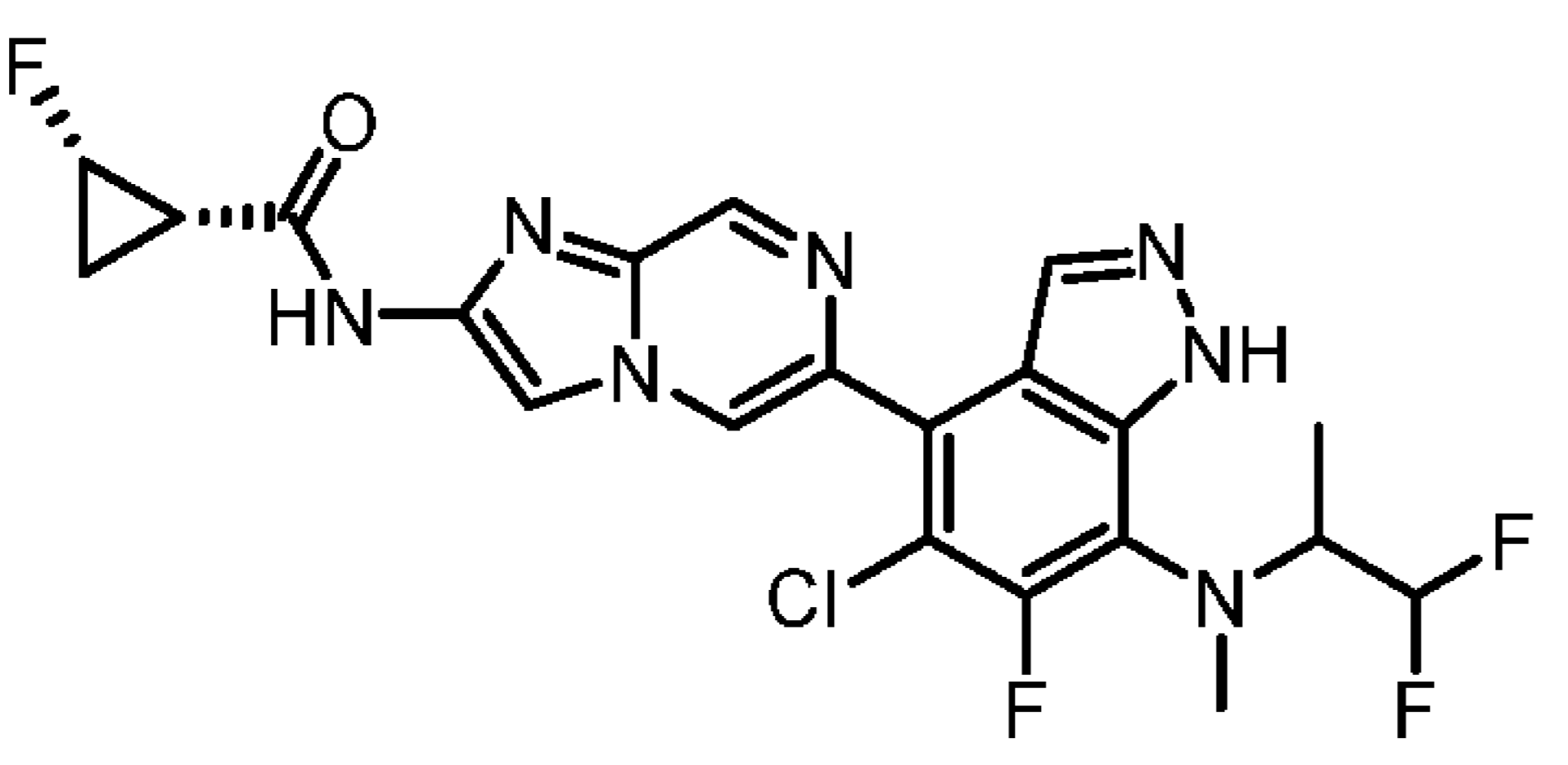
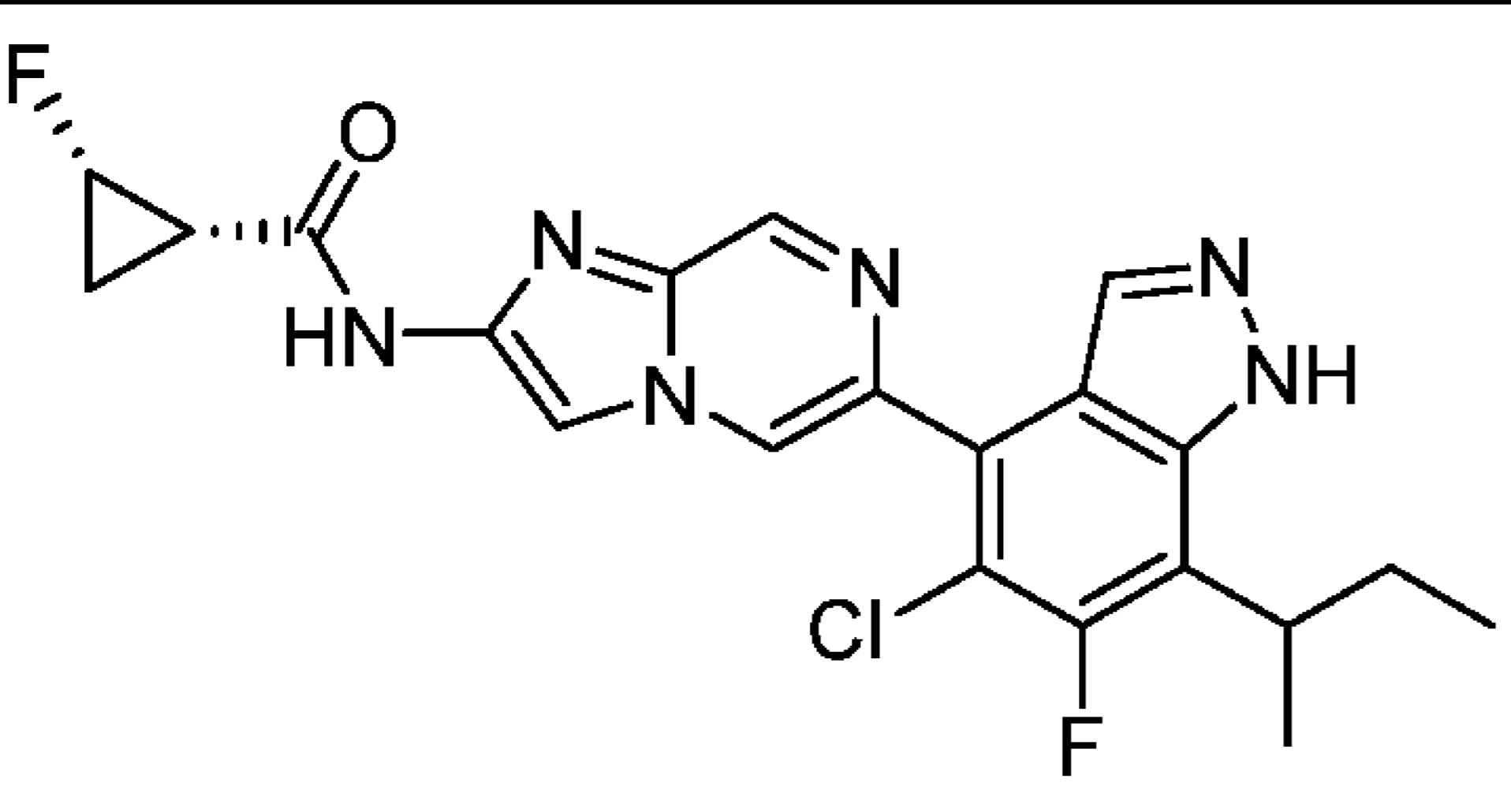
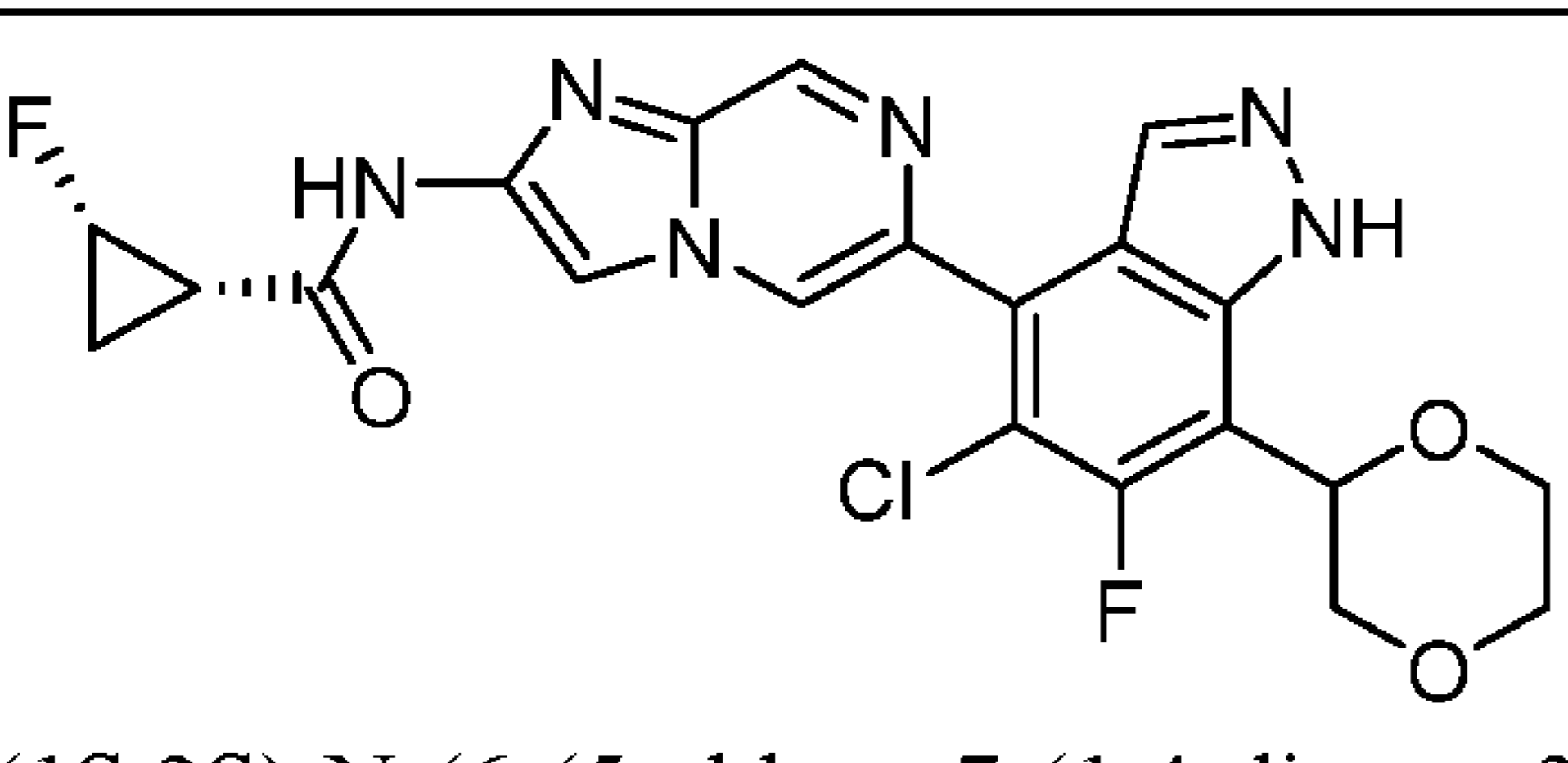
237	 <p>(1S,2S)-N-(6-(5-chloro-7-((1,1-difluoropropan-2-yl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.83-13.06 (m, 1H), 11.36 (s, 1H), 9.03 (d, J=0.6 Hz, 1H), 8.91 (d, J=1.3 Hz, 1H), 8.36 (s, 1H), 8.06 (s, 1H), 8.05 (br d, J=1.2 Hz, 1H), 6.32-5.92 (m, 1H), 5.75-5.54 (m, 1H), 5.11-4.81 (m, 1H), 4.74-4.15 (m, 1H), 2.25-2.12 (m, 1H), 1.78-1.60 (m, 1H), 1.33 (d, J=6.6 Hz, 3H), 1.20 (ddt, J=12.33, 9.00, 6.15, 6.15 Hz, 1H); LCMS (electrospray) m/z 459.1 (M+H) ⁺ .	D
238	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(4-hydroxytetrahydrofuran-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.40 (s, 1H), 9.39 (d, J = 1.2 Hz, 1H), 9.07 (s, 1H), 8.995 - 8.992 (m, 1H), 8.39 (s, 1H), 8.04 (s, 1H), 5.59 (dd, J = 5.7, 10.6 Hz, 1H), 5.18 - 5.17 (m, 1H), 5.08 - 4.85 (m, 1H), 4.55 (br s, 1H), 4.47 (dd, J = 4.6, 9.1 Hz, 1H), 3.73 - 3.70 (m, 1H), 2.28 - 2.23 (m, 1H), 2.21 - 2.16 (m, 1H), 2.12 - 2.05 (m, 1H), 1.74 - 1.64 (m, 1H), 1.22 - 1.16 (m, 1H); LCMS (electrospray) m/z 475.1 (M+H) ⁺ .	D
239	 <p>(1S,2S)-N-(6-(5-chloro-7-(3,3-dimethylazetididin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.97 (s, 1H), 11.35 (s, 1H), 9.02 (s, 1H), 8.87 (d, J = 6.0 Hz, 1H), 8.36 (s, 1H), 7.96 (s, 1H), 5.06-4.85 (m, 1H), 4.14 (d, J = 11.5 Hz, 4H), 2.22-2.15 (m, 1H), 1.72-1.65 (m, 1H), 1.32 (d, J = 12.1 Hz, 6H), 1.24-1.16 (m, 1H); LCMS (electrospray) m/z 472.10 (M+H) ⁺ .	D
240	 <p>(1S,2S)-N-(6-(5-chloro-7-((3-chloro-2,2-dimethylpropyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.28 (s, 1H), 11.36 (s, 1H), 9.02 (d, J = 9.3 Hz, 1H), 8.91-8.88 (m, 1H), 8.36 (s, 1H), 7.96 (s, 1H), 5.25 (d, J = 6.0 Hz, 1H), 5.07-4.86 (m, 1H), 3.64 (d, J = 17.6 Hz, 2H), 3.49-3.39 (m, 2H), 2.23-2.16 (m, 1H), 1.73-1.66 (m, 1H), 1.24-1.16 (m, 1H), 1.05 (t, J = 12.9 Hz, 6H); LCMS (electrospray) m/z 472.10 (M+H) ⁺ .	D

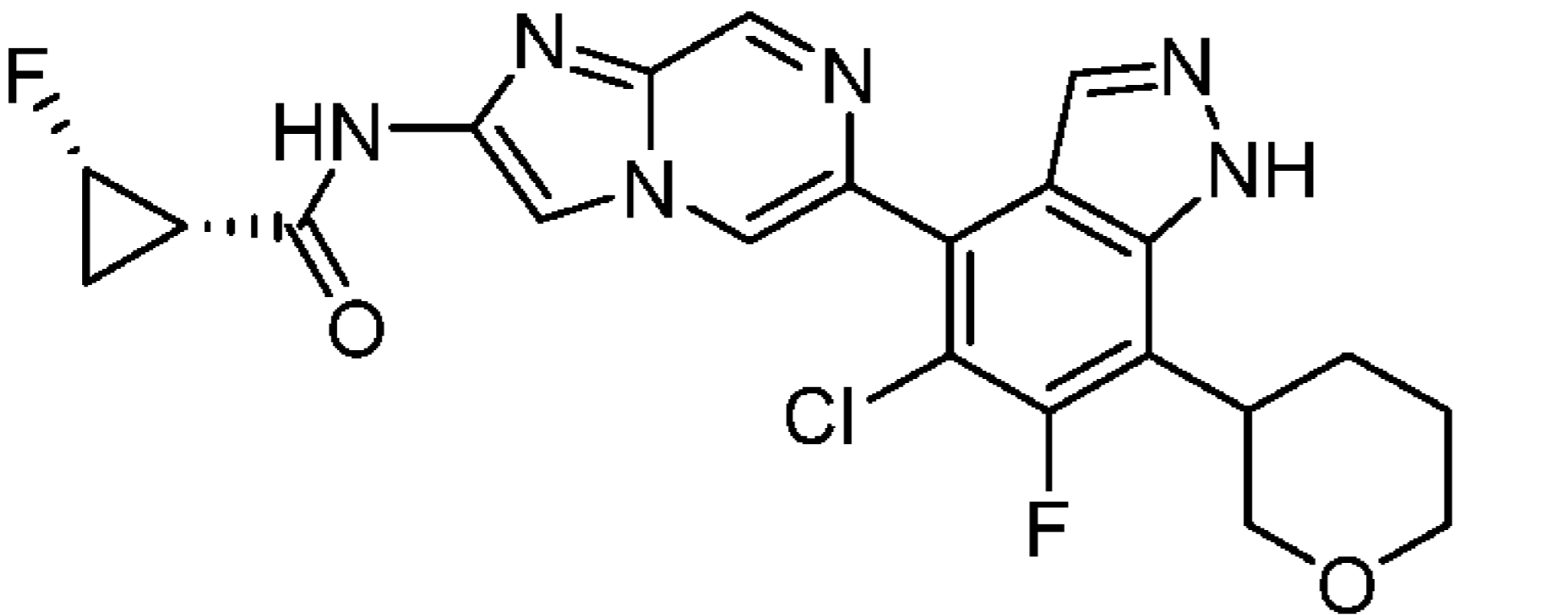
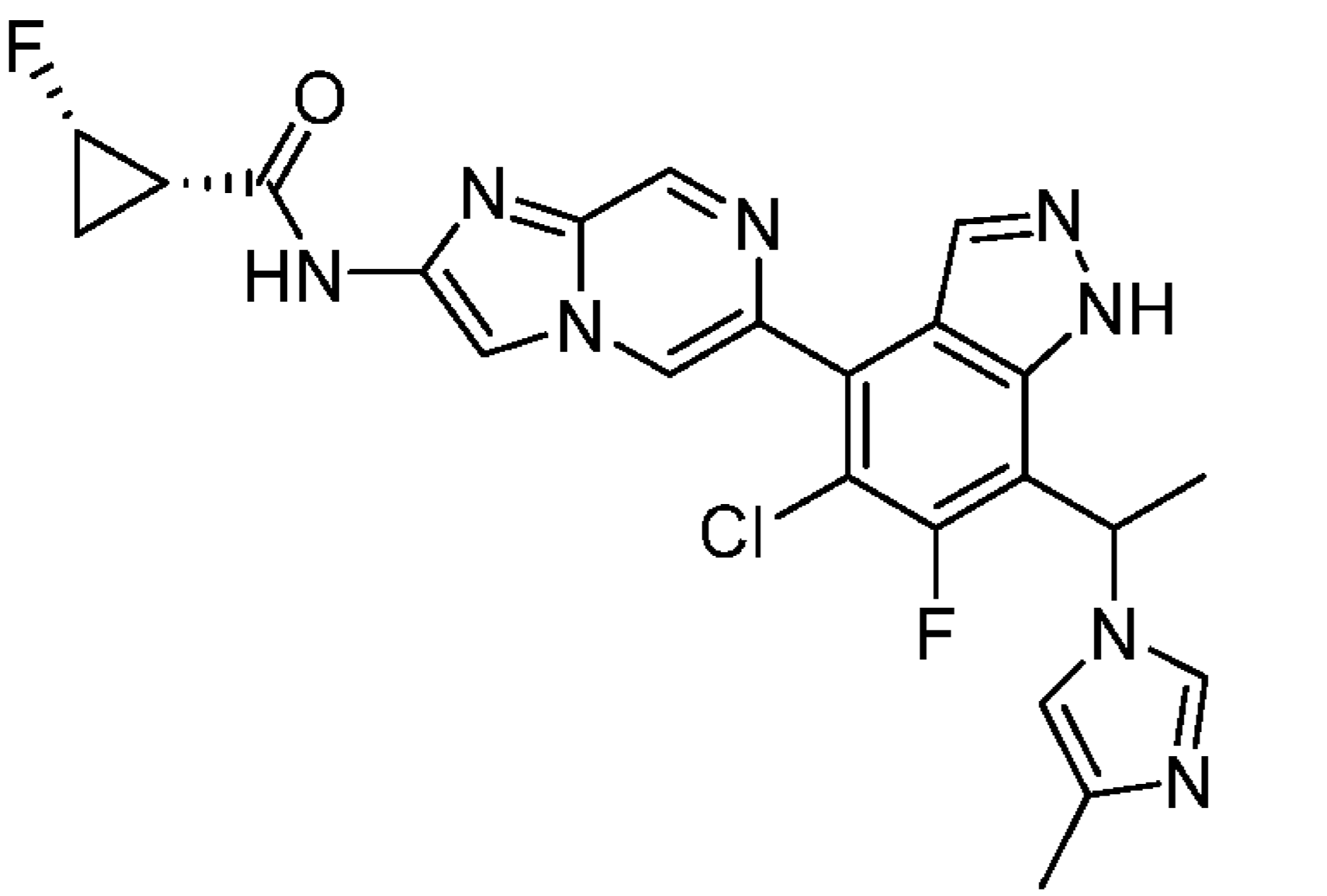
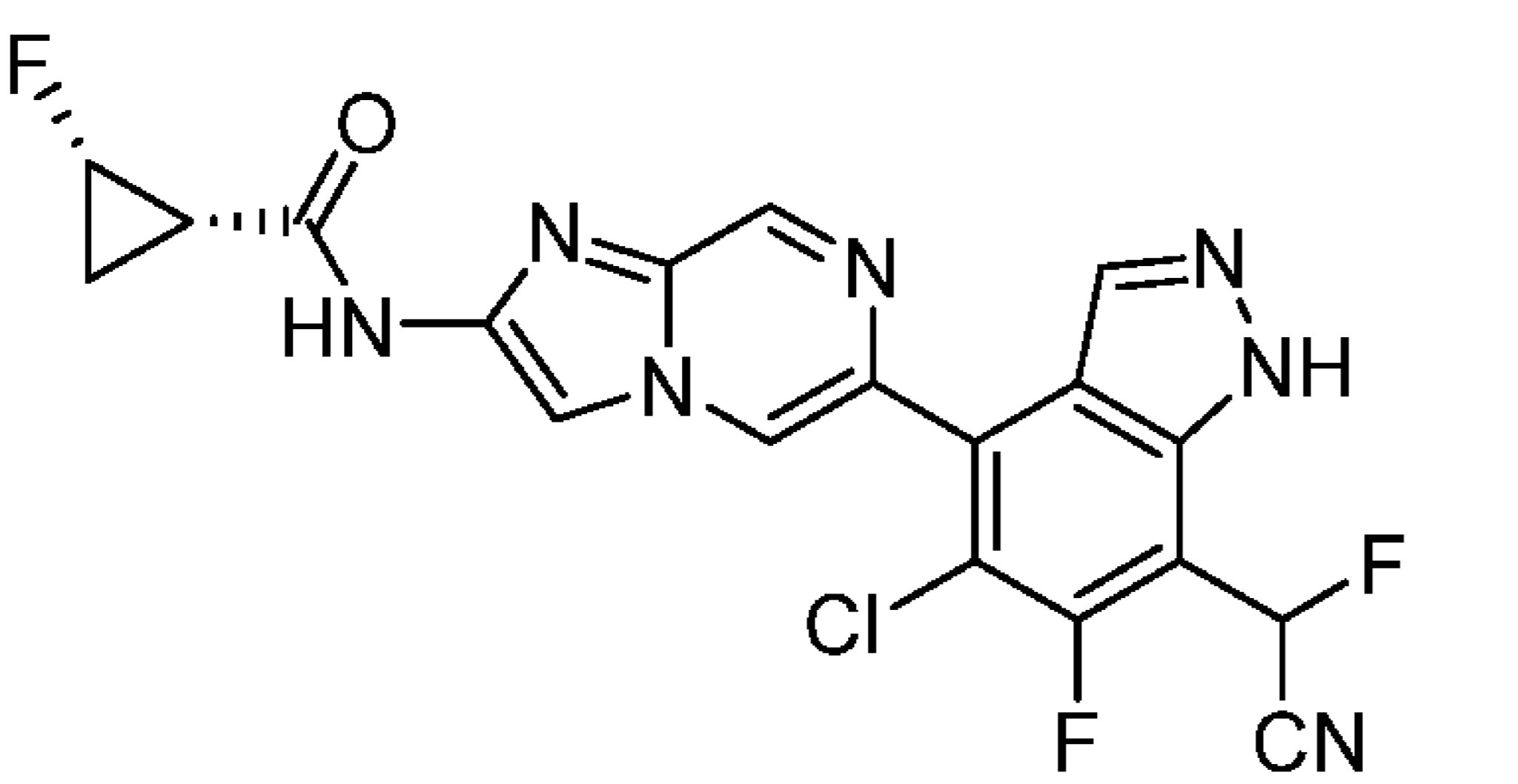
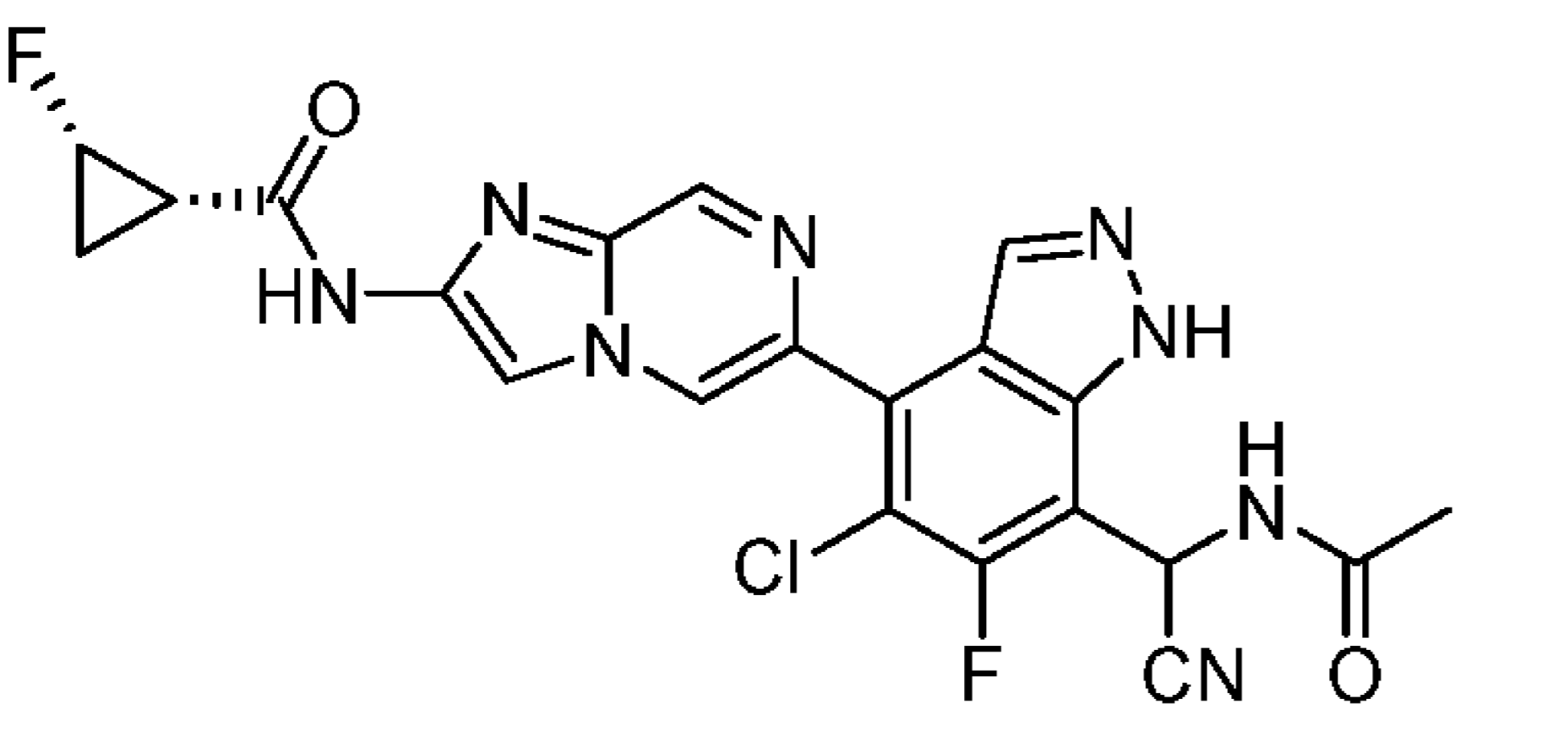
241	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(4-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.10 (s, 1H), 7.79 (s, 1H), 7.28 (s, 1H), 6.16 (q, J = 7.0 Hz, 1H), 5.07-4.86 (m, 1H), 2.21-2.16 (m, 1H), 2.06-2.00 (m, 6H), 1.73-1.66 (m, 1H), 1.22-1.18 (m, 1H); LCMS (electrospray) m/z 497.90 (M+H) ⁺ .	D
242	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(5-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.05 (s, 1H), 11.39 (s, 1H), 9.06 (s, 1H), 9.00 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.09 (s, 1H), 7.48 (s, 1H), 6.22 (q, 1H), 6.09 (s, 1H), 5.05-4.86 (m, 1H), 2.29 (s, 3H), 2.21-2.17 (m, 1H), 2.03 (d, J = 7.1 Hz, 3H), 1.72-1.66 (m, 1H), 1.14-1.22 (m, 1H); LCMS (electrospray) m/z 497.90 (M+H) ⁺ .	D
243	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(3-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.56 (s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.10 (s, 1H), 7.91 (d, J = 2.2 Hz, 1H), 6.14 (q, J = 7.0 Hz, 1H), 6.06 (d, J = 2.7 Hz, 1H), 5.07-4.86 (m, 1H), 2.23-2.15 (m, 1H), 2.12 (s, 3H), 2.04 (d, J = 7.7 Hz, 3H), 1.72-1.64 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 497.90 (M+H) ⁺ .	D
244	 <p>(1S,2S)-N-(6-(5-chloro-7-(3,3-difluoroazetidin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.10 (s, 1H), 11.25 (s, 1H), 9.01 (s, 1H), 8.87 (s, 1H), 8.32 (d, J = 36.8 Hz, 1H), 8.01 (s, 1H), 5.05-4.82 (m, 5H), 2.23-2.16 (m, 1H), 1.75-1.65 (m, 1H), 1.24-1.16 (m, 1H); LCMS (electrospray) m/z 480.10 (M+H) ⁺ .	D

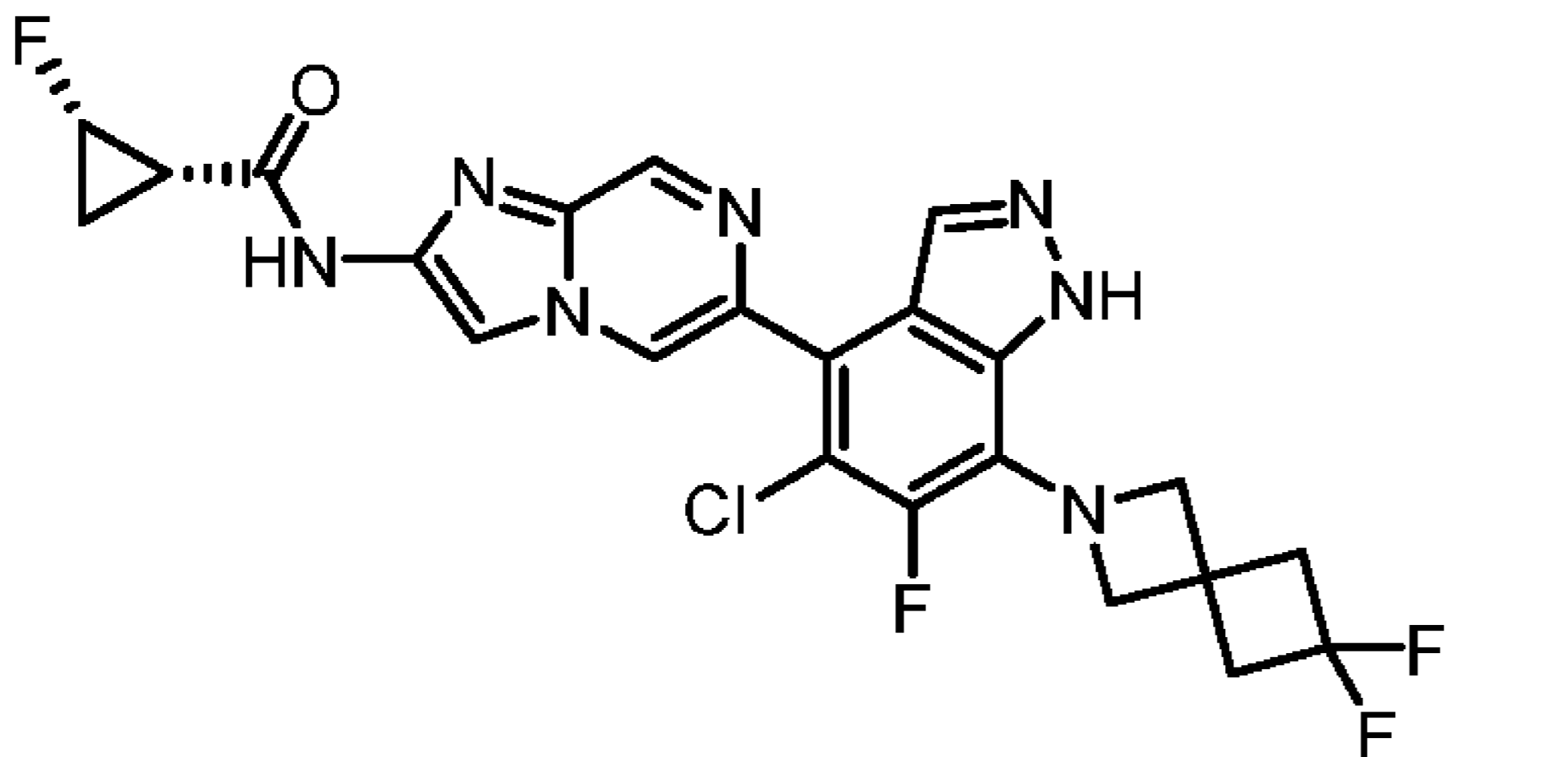
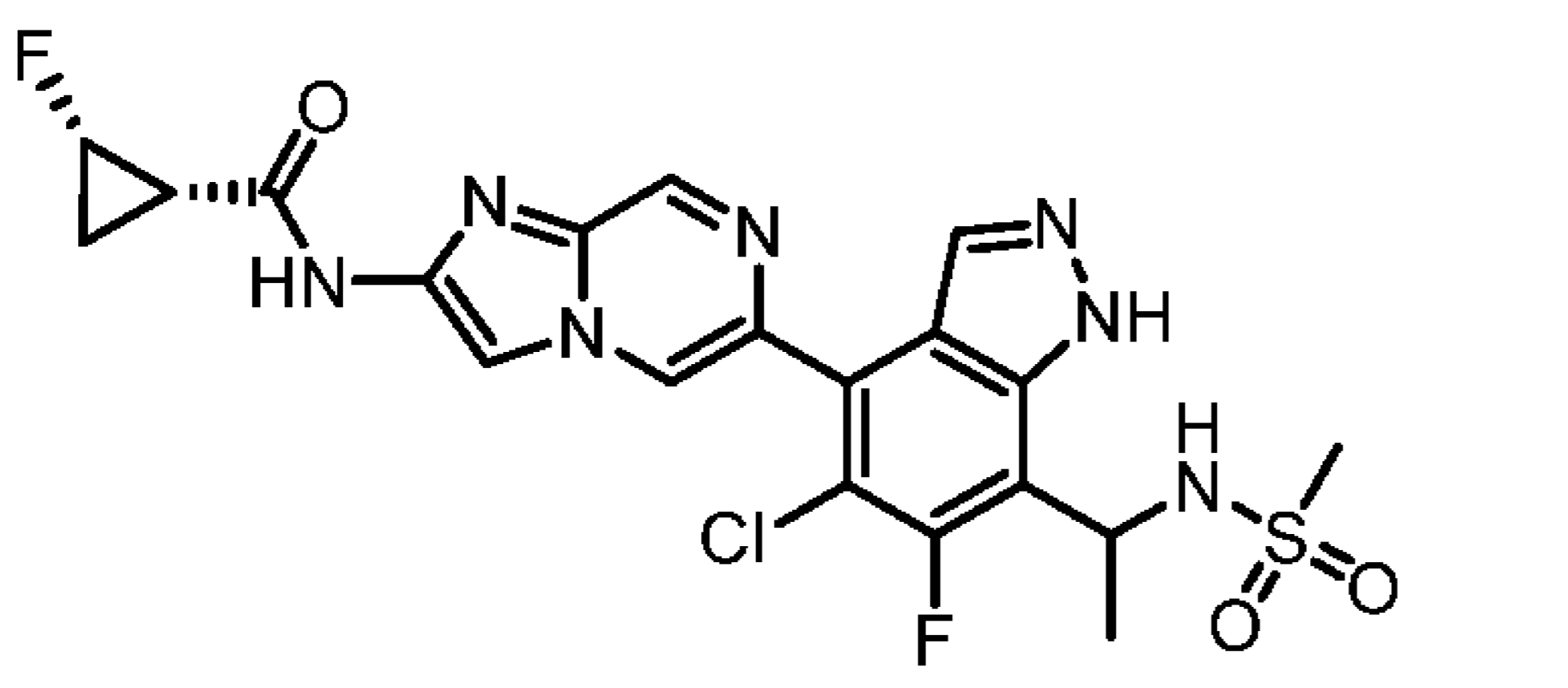
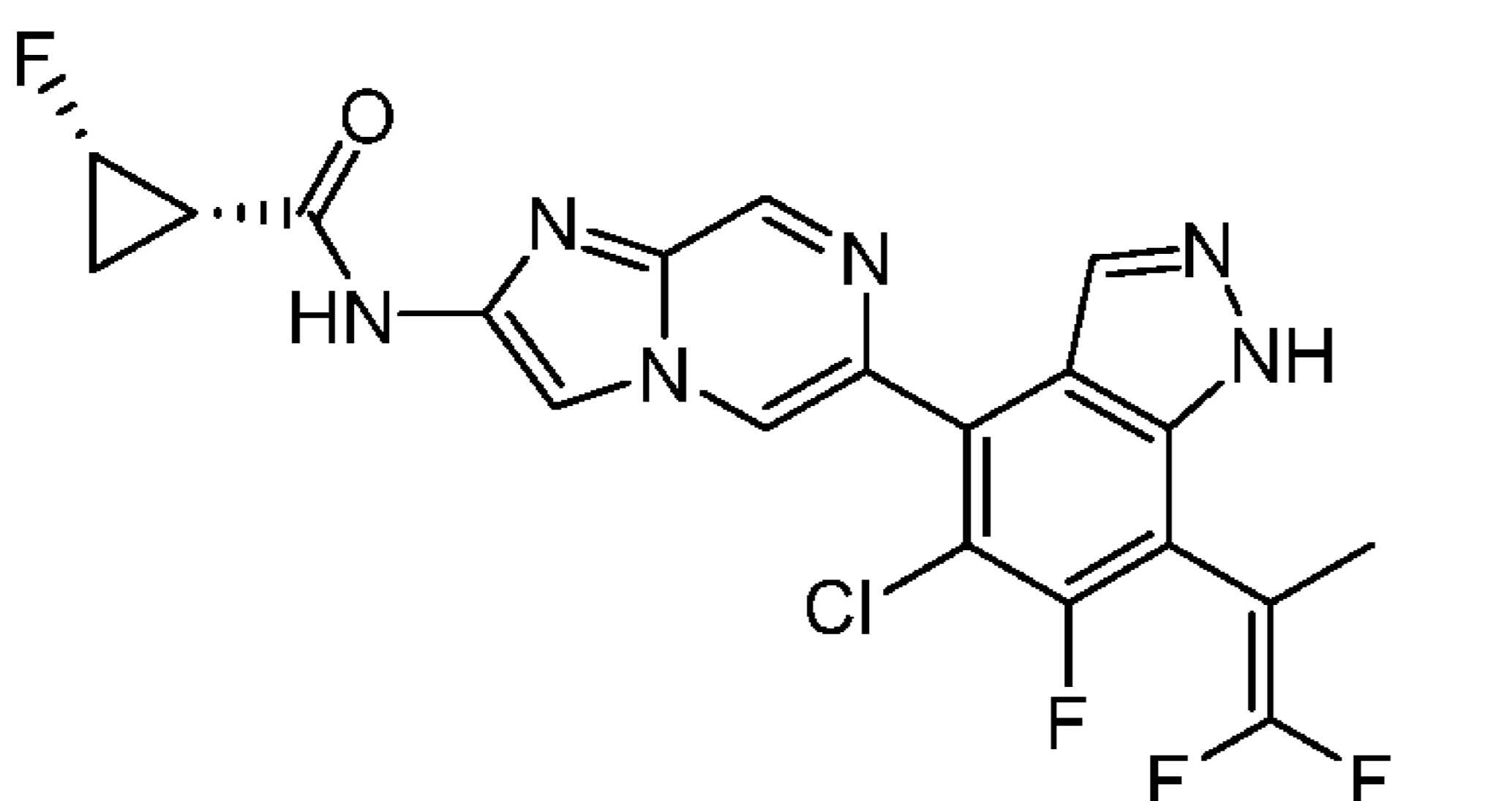
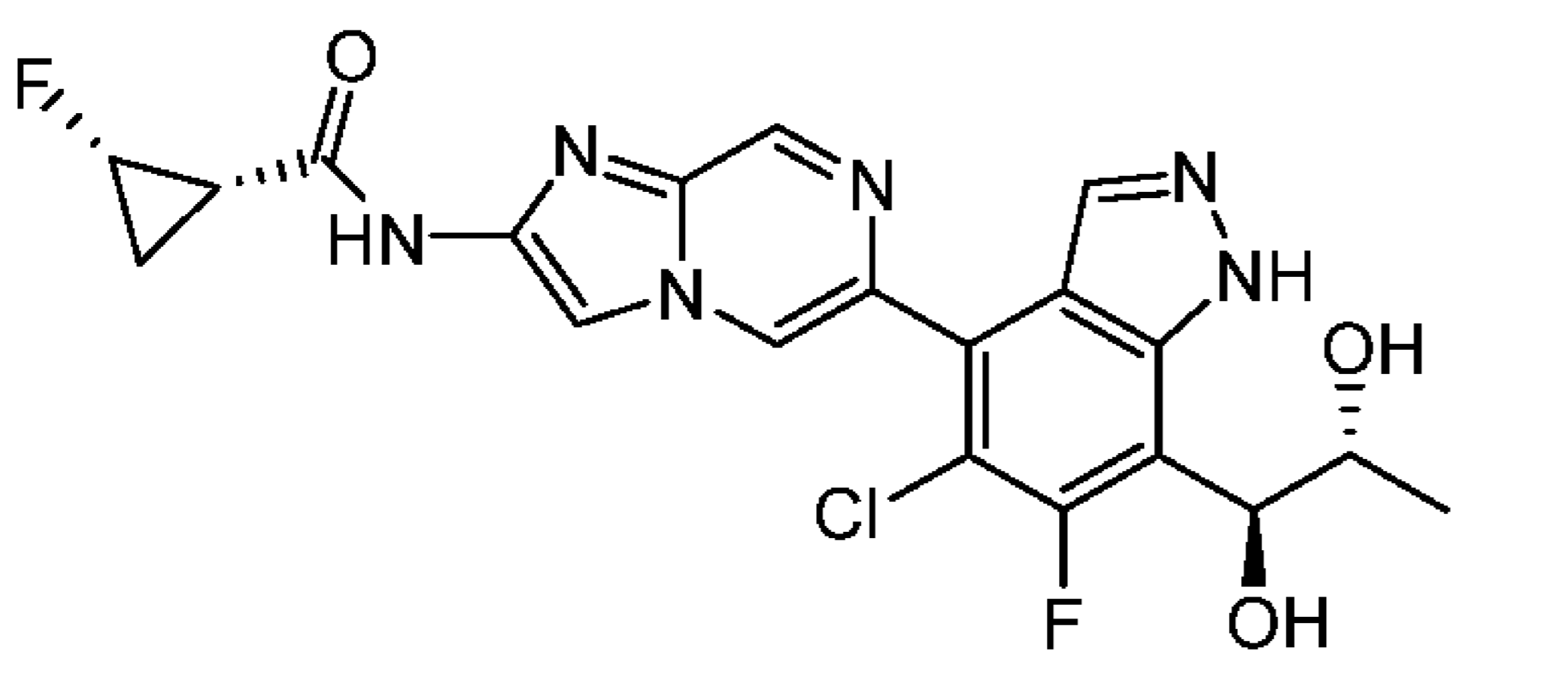
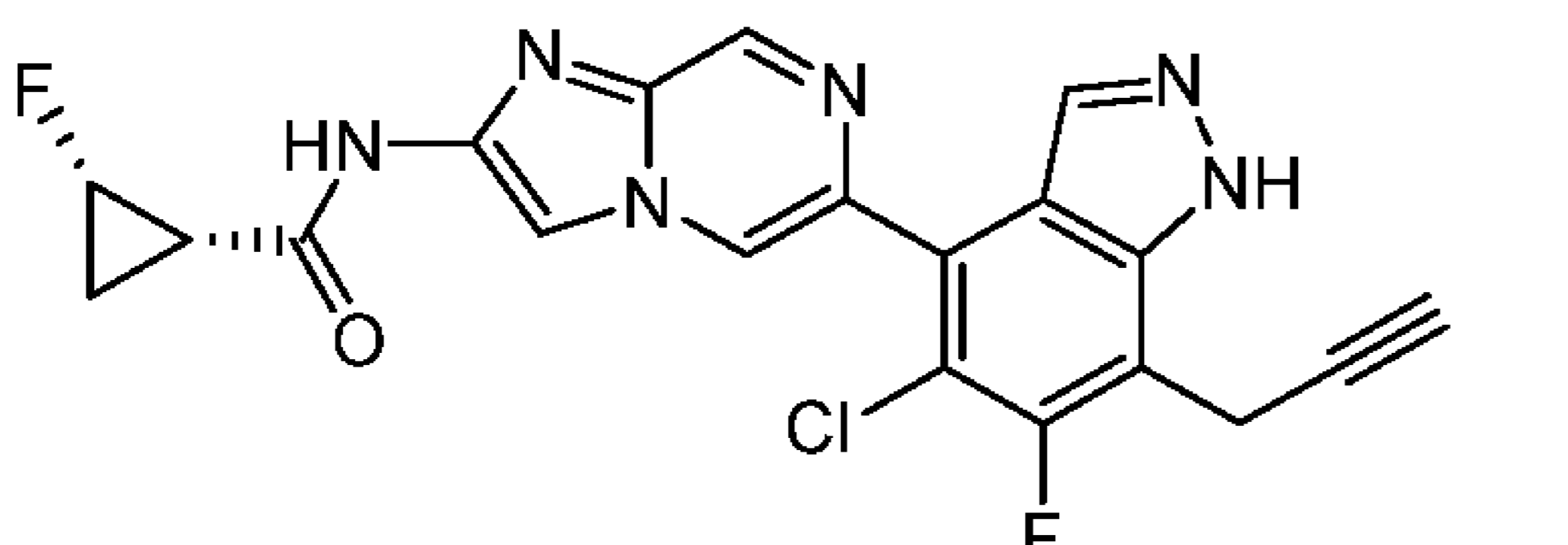
245	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyanomethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400MHz, DMSO-d ₆) δ 13.78 (s, 1H), 11.40 (s, 1H), 9.08 (s, 1H), 9.05 (d, J = 1.6 Hz, 1H), 8.40 (s, 1H), 8.18-8.10 (1H), 5.09-4.83 (m, 1H), 4.47-4.32 (m, 2H), 2.25-2.14 (m, 1H), 1.75-1.62 (m, 1H), 1.26-1.15 (m, 1H); LCMS (electrospray) m/z 428.80 (M+H) ⁺ .	D
246	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methoxyprop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.98 (br s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.06 (d, J = 1.3 Hz, 1H), 8.40 (s, 1H), 8.17 (s, 1H), 5.12 - 4.77 (m, 1H), 4.52 (s, 2H), 3.43 (s, 3H), 2.27 - 2.11 (m, 1H), 1.79 - 1.61 (m, 1H), 1.35 - 1.13 (m, 1H); LCMS (electrospray) m/z 457.1 (M+H) ⁺ .	D
247	 <p>(1S,2S)-N-(6-(5-chloro-7-(2,5-dihydrofuran-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.33-13.04 (m, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.3 Hz, 1H), 8.49 (s, 1H), 8.39 (s, 1H), 8.07 (s, 1H), 6.40 (br d, J=2.0 Hz, 1H), 6.33-6.21 (m, 1H), 6.09 (br d, J=6.48 Hz, 1H), 5.15 - 4.99 (m, 1H), 4.88 (td, J=6.14, 3.6 Hz, 1H), 4.80-4.68 (m, 1H), 2.27 - 2.13 (m, 1H), 1.79 - 1.59 (m, 1H), 1.31 - 1.12 (m, 1H); LCMS (electrospray) m/z 457.1 (M+H) ⁺ .	D
248	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-propionamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.48 (br d, J = 5.4 Hz, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.98 (d, J = 1.5 Hz, 1H), 8.40 - 8.33 (m, 2H), 8.05 (s, 1H), 5.46 (s, 1H), 5.09 - 4.85 (m, 1H), 2.22 - 2.10 (m, 3H), 1.76 - 1.63 (m, 1H), 1.56 (d, J = 7.1 Hz, 3H), 1.26 - 1.16 (m, 1H), 0.94 (t, J = 7.6 Hz, 3H); LCMS (electrospray) m/z 488.1 (M+H) ⁺ .	D
249	 <p>(1R,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxypropanamido)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.34 (m, 1H), 11.52 (s, 1H), 10.33 (s, 1H), 9.08 (s, 1H), 9.03 (d, J = 1.4 Hz, 1H), 8.34 (s, 1H), 8.04 (s, 1H), 4.92 (m, 1H), 4.76 (br d, J=7.8 Hz, 1H), 3.79 (br t, J=6.30 Hz, 2H), 2.65 (br t, J=6.6 Hz, 3H), 1.57 (m, 1H), 1.29 (dq, J=13.16, 6.62 Hz, 1H); LCMS (electrospray) m/z 476.1 (M+H) ⁺ .	D

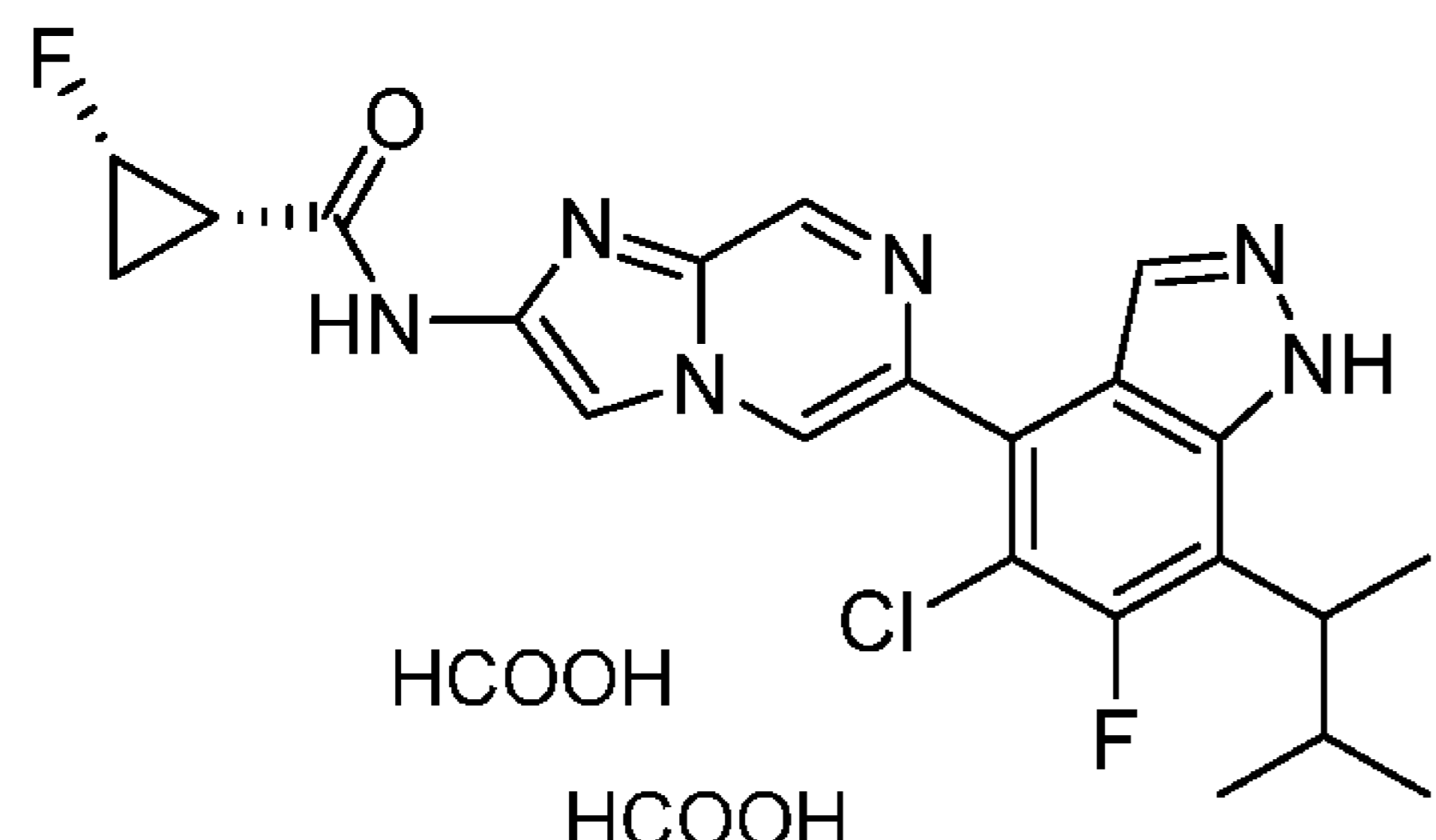
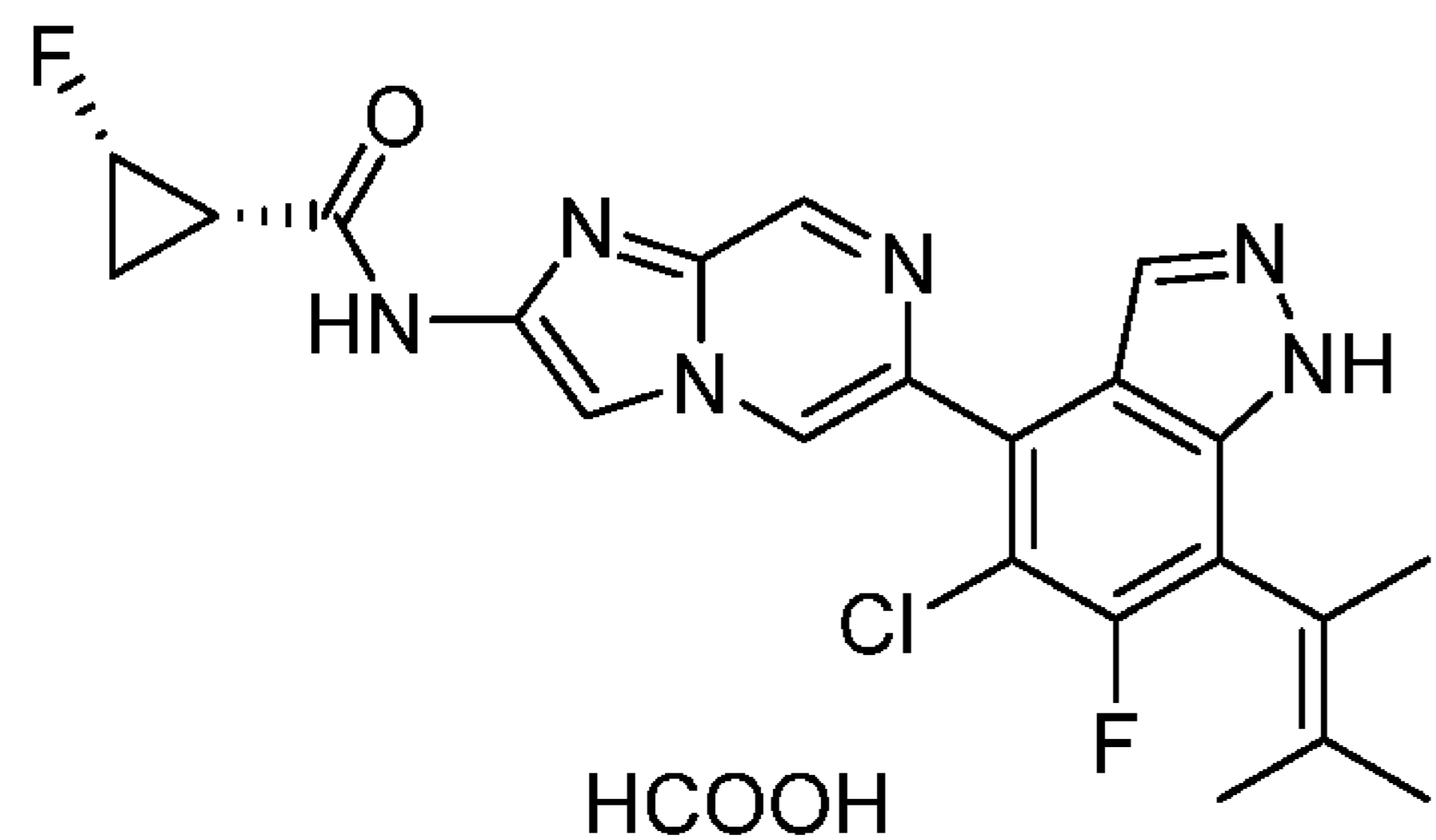
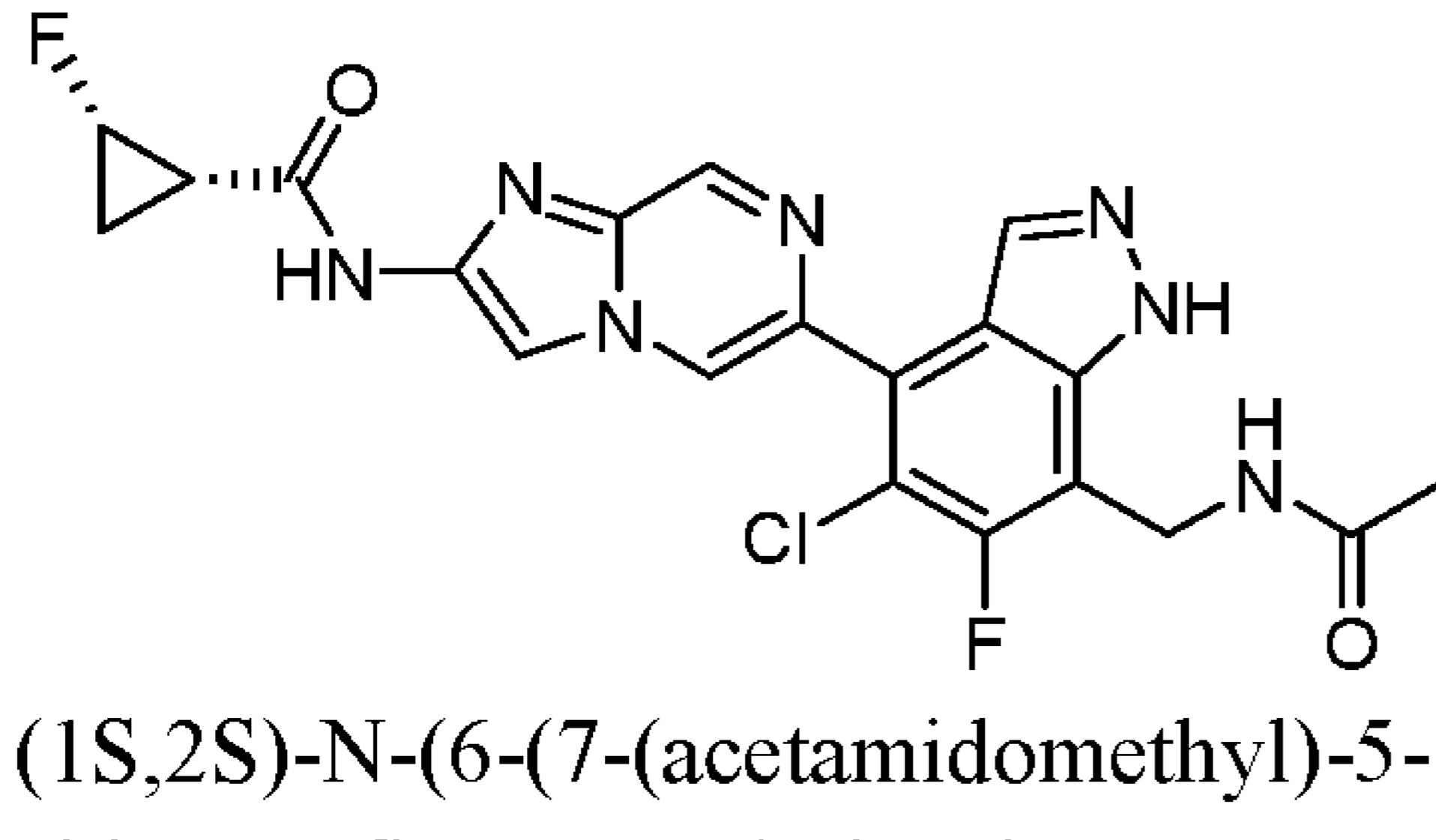
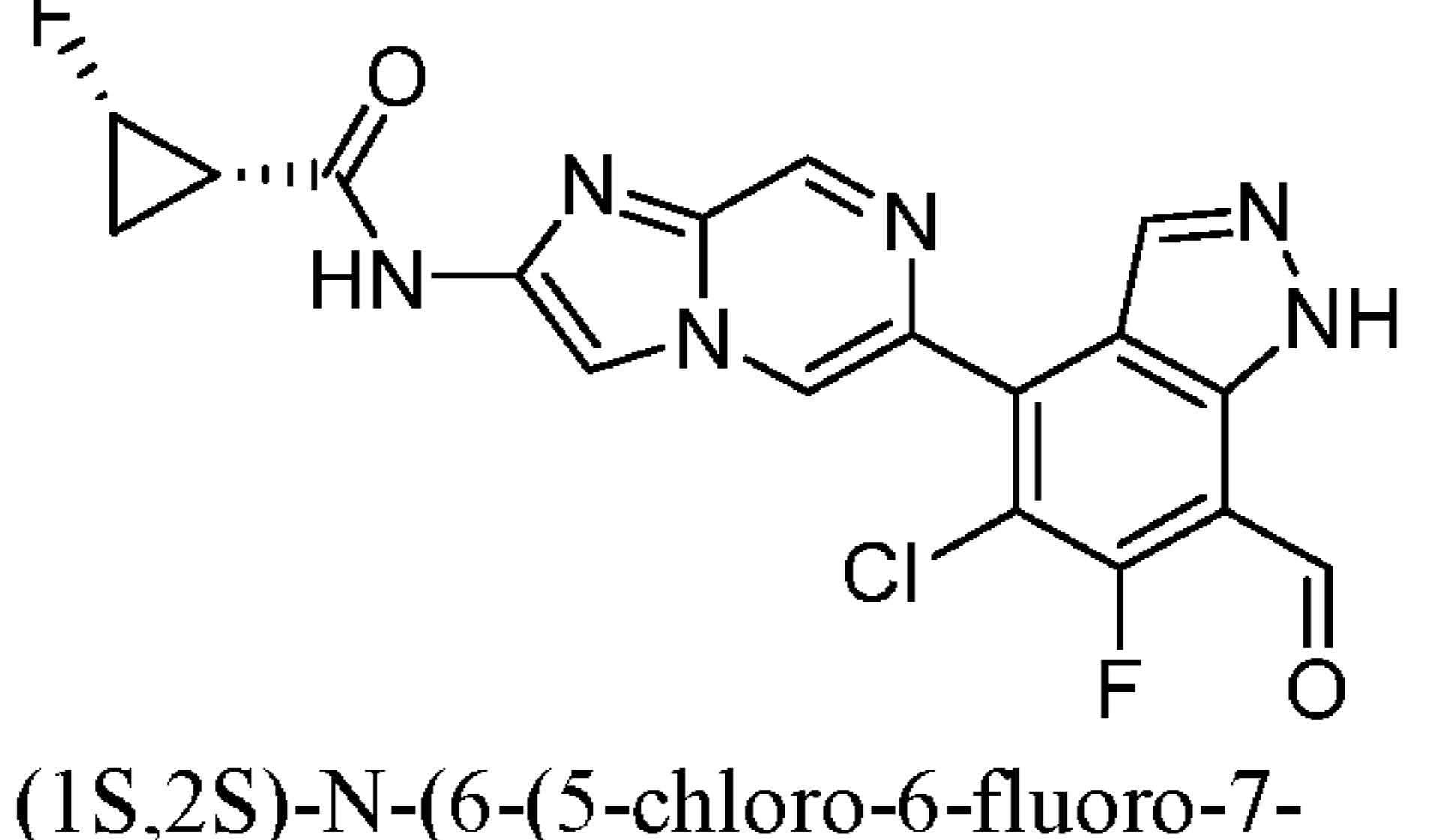
250	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-formamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.78 - 13.27 (m, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (s, 1H), 8.68 (br d, J = 7.1 Hz, 1H), 8.38 (s, 1H), 8.06 (br s, 2H), 5.56 (br t, J = 7.2 Hz, 1H), 5.12 - 4.79 (m, 1H), 2.25 - 2.12 (m, 1H), 1.73 - 1.63 (m, 1H), 1.58 (d, J = 7.1 Hz, 3H), 1.20 (ddd, J = 2.9, 6.3, 9.5 Hz, 1H); LCMS (electrospray) m/z 460.1 (M+H) ⁺ .	D
251	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-4-hydroxybut-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.41 (s, 1H), 9.08 (d, J=0.6 Hz, 1H), 9.02 (d, J=1.3 Hz, 1H), 8.43 (s, 1H), 8.40-8.36 (m, 1H), 8.28 (s, 1H), 8.18-8.09 (m, 1H), 6.94-6.73 (m, 1H), 5.11-4.83 (m, 1H), 4.76-4.65 (m, 1H), 4.35 (t, J=6.5 Hz, 1H), 3.68-3.60 (m, 1H), 2.76-2.69 (m, 1H), 2.26-2.15 (m, 1H), 2.06-1.9 (m, 1H), 2.06-1.91 (m, 1H), 1.80-1.59 (m, 1H), 1.33-1.14 (m, 1H); LCMS (electrospray) m/z 487.1 (M+H) ⁺ .	D
252	 <p>ratio 1 ; 1</p> <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide or (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.49 - 13.39 (m, 1H), 13.38-13.27 (m, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.02 (t, J=1.6 Hz, 1H), 8.43 (s, 1H), 8.38 (d, J=2.0 Hz, 1H), 8.05 (d, J=6.9 Hz, 1H), 5.57 (s, 1H), 5.28 (s, 1H), 5.10 - 4.82 (m, 1H), 2.80 (dt, J=13.2, 6.6 Hz, 1H), 2.25-2.15 (m, 1H), 2.01 (s, 2H), 1.92 (s, 2H), 1.76-1.63 (m, 1H), 1.52 (s, 2H), 1.27-1.16 (m, 2H), 1.11 (d, J=6.7 Hz, 4H), 0.84 (t, J=7.4 Hz, 1H); LCMS (electrospray) m/z 457.2 (M+H) ⁺ .	D
253	 <p>HCOOH</p> <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-(trimethylsilyl)prop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.41 (s, 1H), 9.05 (br d, J = 18.0 Hz, 2H), 8.46 (s, 1H), 8.39 (s, 1H), 8.09 (s, 1H), 5.19 - 4.71 (m, 1H), 4.16 - 3.92 (m, 2H), 2.26 - 2.12 (m, 1H), 1.77 - 1.57 (m, 1H), 1.21 - 1.10 (m, 1H), 0.11 (s, 9H); LCMS (electrospray) m/z 499.2 (M+H) ⁺ .	D

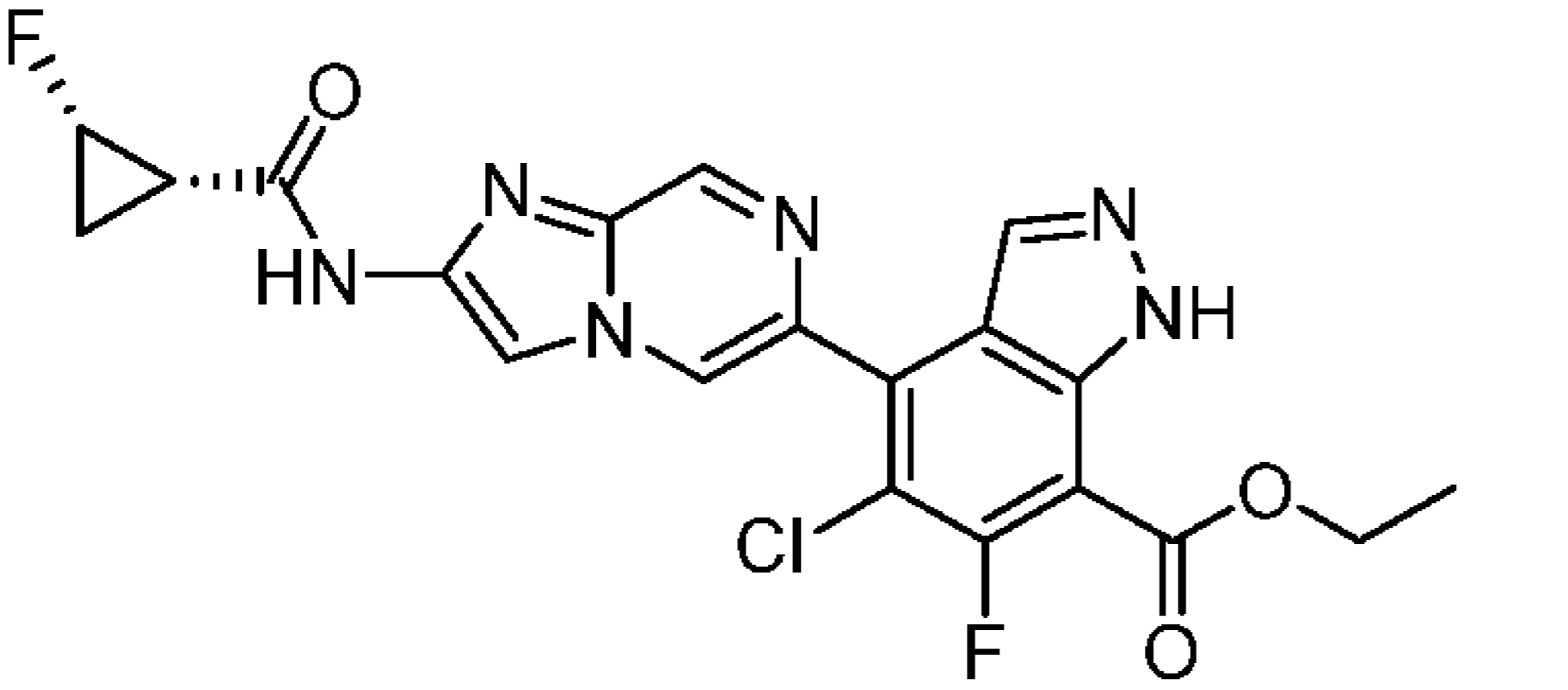
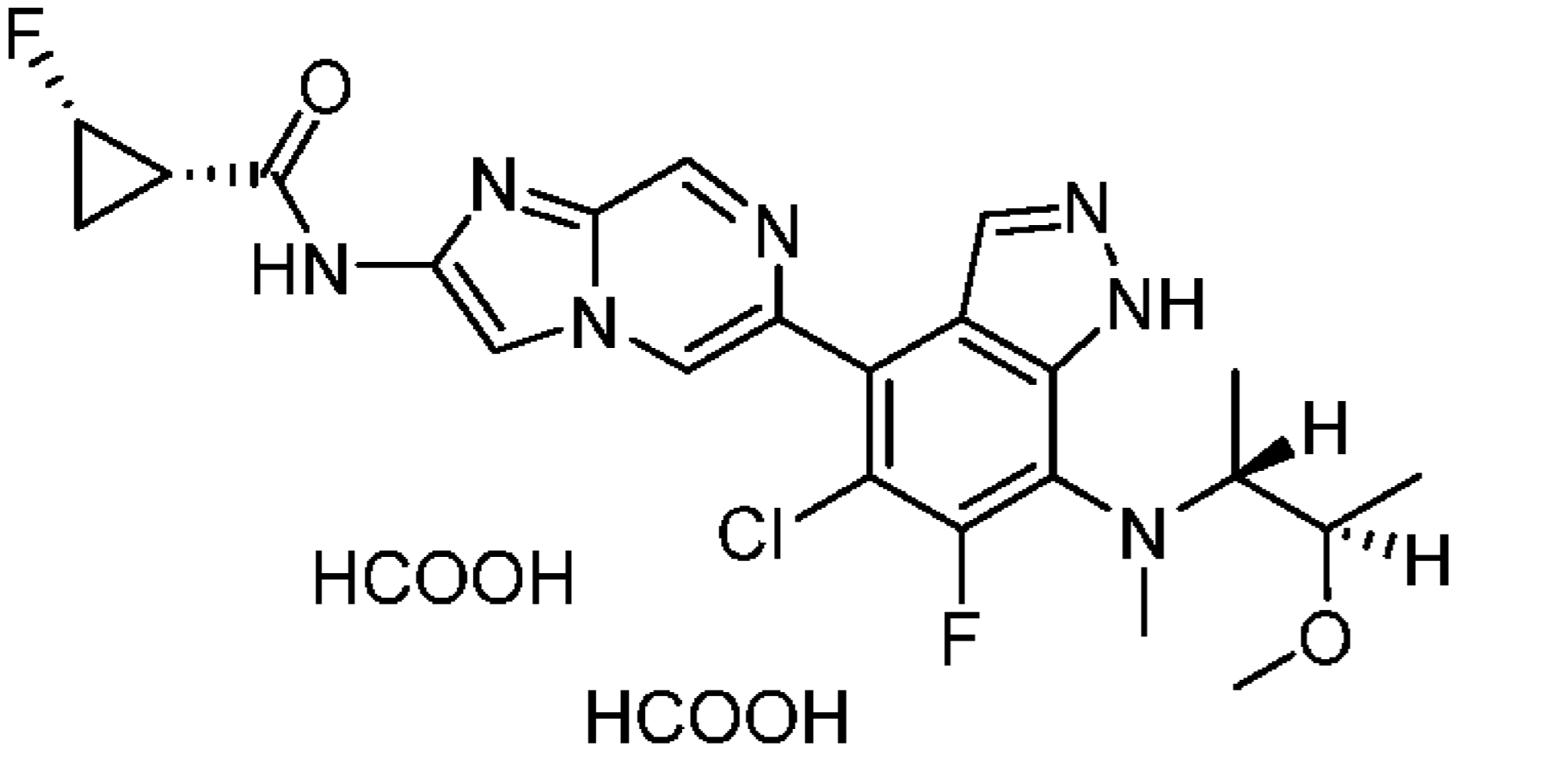
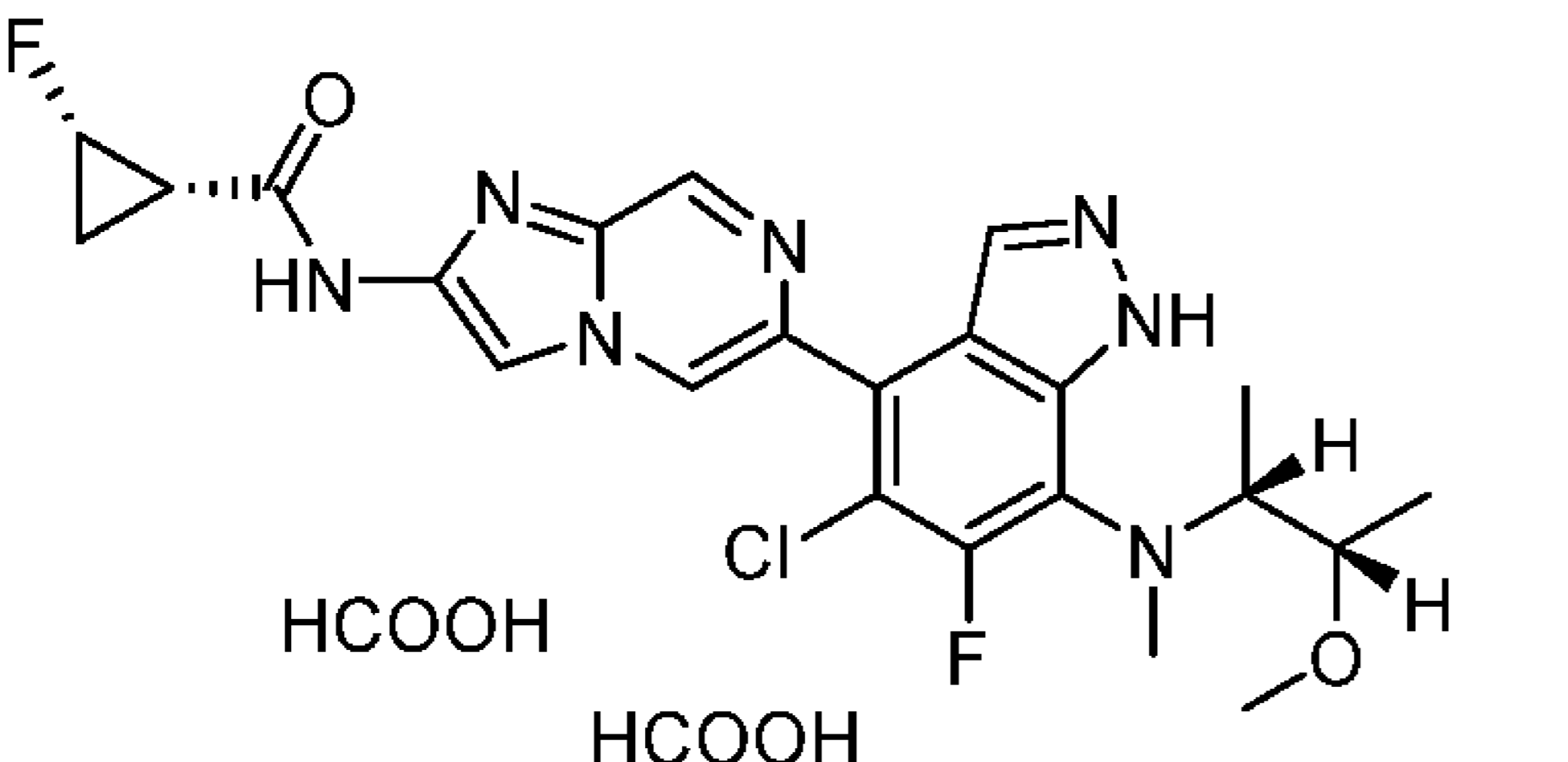
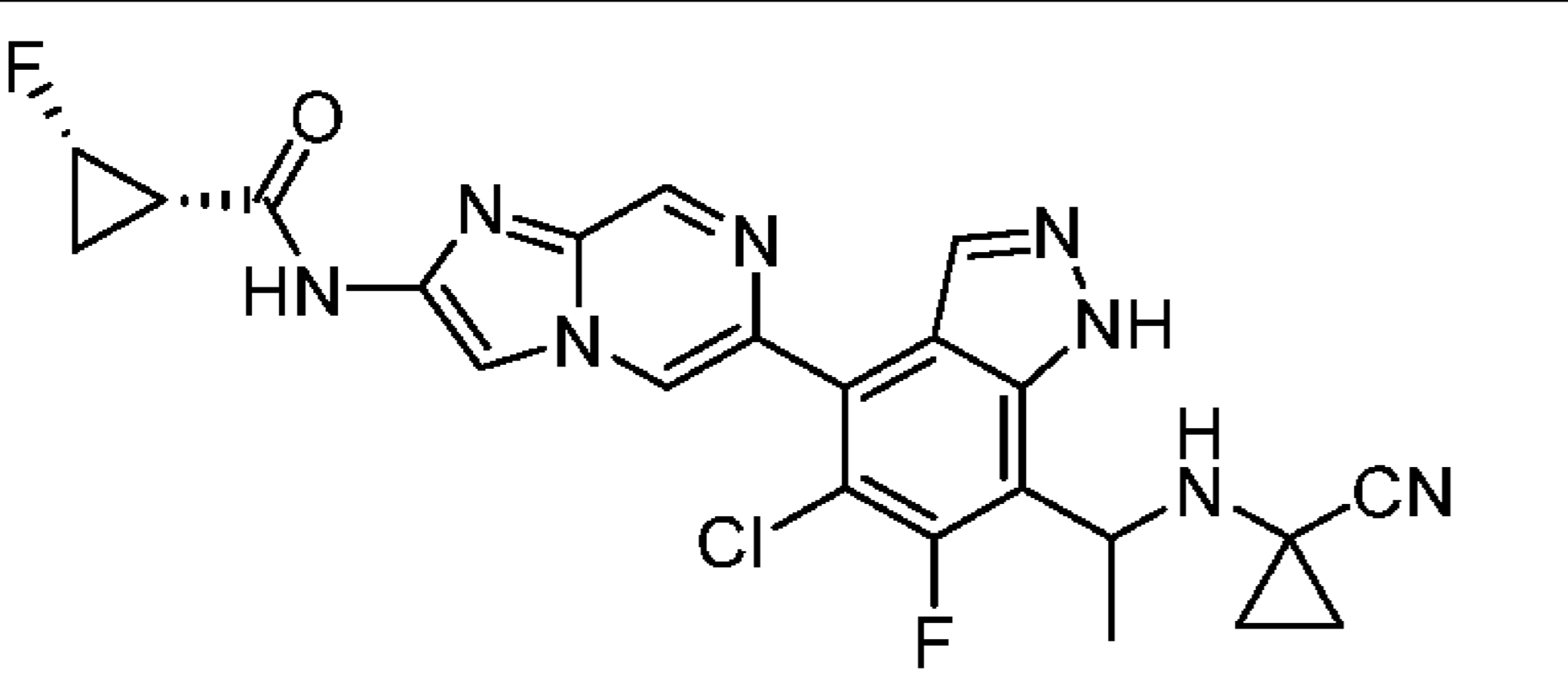
254	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxy-3-(trimethylsilyl)prop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.98 - 12.92 (m, 1H), 11.41 (s, 1H), 9.05 (br d, J = 18.2 Hz, 2H), 8.45 (s, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 6.04 (s, 1H), 5.15 - 4.74 (m, 1H), 2.28 - 2.12 (m, 1H), 1.78 - 1.60 (m, 1H), 1.24 - 1.13 (m, 2H), 0.13 (s, 9H); LCMS (electrospray) m/z 515.3 (M+H) ⁺ .	D
255	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-hydroxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 12.98-13.58 (m, 1H), 11.30-11.43 (m, 1H), 9.01-9.06 (m, 1H), 8.87-8.93 (m, 1H), 8.33-8.38 (m, 1H), 7.92-8.10 (m, 1H), 5.09-5.23 (m, 1H), 5.00-5.08 (m, 1H), 4.79-4.92 (m, 1H), 3.71-4.06 (m, 2H), 2.14-2.23 (m, 1H), 1.63-1.75 (m, 1H), 1.11-1.24 (m, 8H); LCMS (electrospray) m/z 476.2 (M+H) ⁺ .	D
256	 <p>(1S,2S)-N-(6-(5-chloro-7-(5,5-dimethyltetrahydrofuran-3-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.64-13.48 (m, 1H), 11.49-11.34 (m, 1H), 9.10-9.03 (m, 1H), 8.98 (d, J=1.3 Hz, 1H), 8.43-8.35 (m, 1H), 8.11-8.02 (m, 1H), 5.11-4.81 (m, 1H), 4.21-4.12 (m, 2H), 4.10-3.98 (m, 1H), 2.28-2.15 (m, 3H), 1.77-1.63 (m, 1H), 1.40 (s, 3H), 1.32 (s, 3H), 1.22-1.17 (m, 1H); LCMS (electrospray) m/z 487.1 (M+H) ⁺ .	D
257	 <p>(1S,2S)-N-(6-(7-(1-(1H-imidazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.81 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.16 (s, 1H), 7.91 (s, 1H), 7.31 (s, 1H), 6.91 (s, 1H), 6.15 (q, J = 7.3 Hz, 1H), 5.04-4.87 (m, 1H), 2.23-2.15 (m, 1H), 2.09 (d, J = 7.1 Hz, 3H), 1.72-1.65 (m, 1H), 1.18-1.18 (m, 1H); LCMS (electrospray) m/z 483.90 (M+H) ⁺ .	D
258	 <p>(1S,2S)-N-(6-(7-(1-(1H-imidazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.73 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (s, 1H), 8.37 (s, 1H), 8.16 (s, 1H), 7.51 (s, 1H), 6.79 (s, 1H), 6.07-6.05 (m, 1H), 5.05-4.87 (m, 1H), 2.18 (s, 3H), 2.01 (d, 3H), 1.72-1.66 (m, 1H), 1.18-1.16 (m, 1H); LCMS (electrospray) m/z 497.90 (M+H) ⁺ .	D

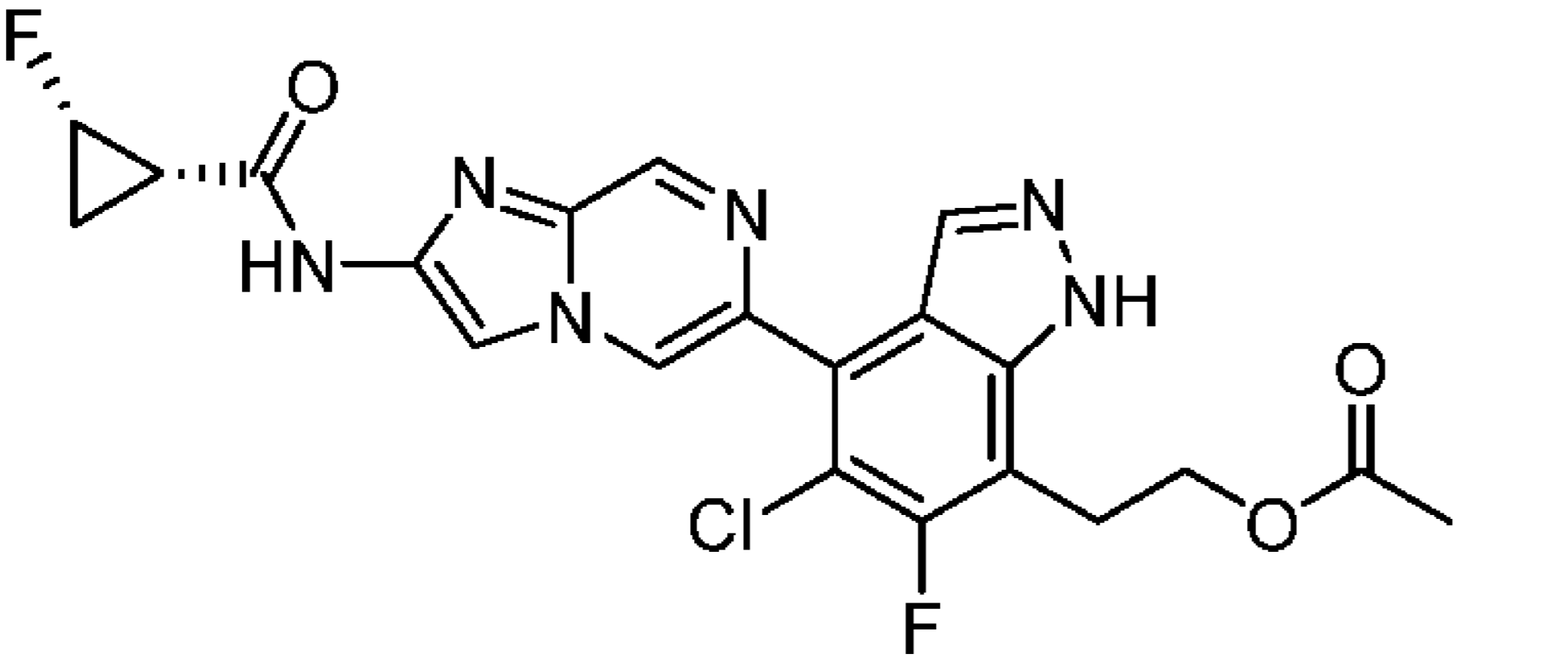
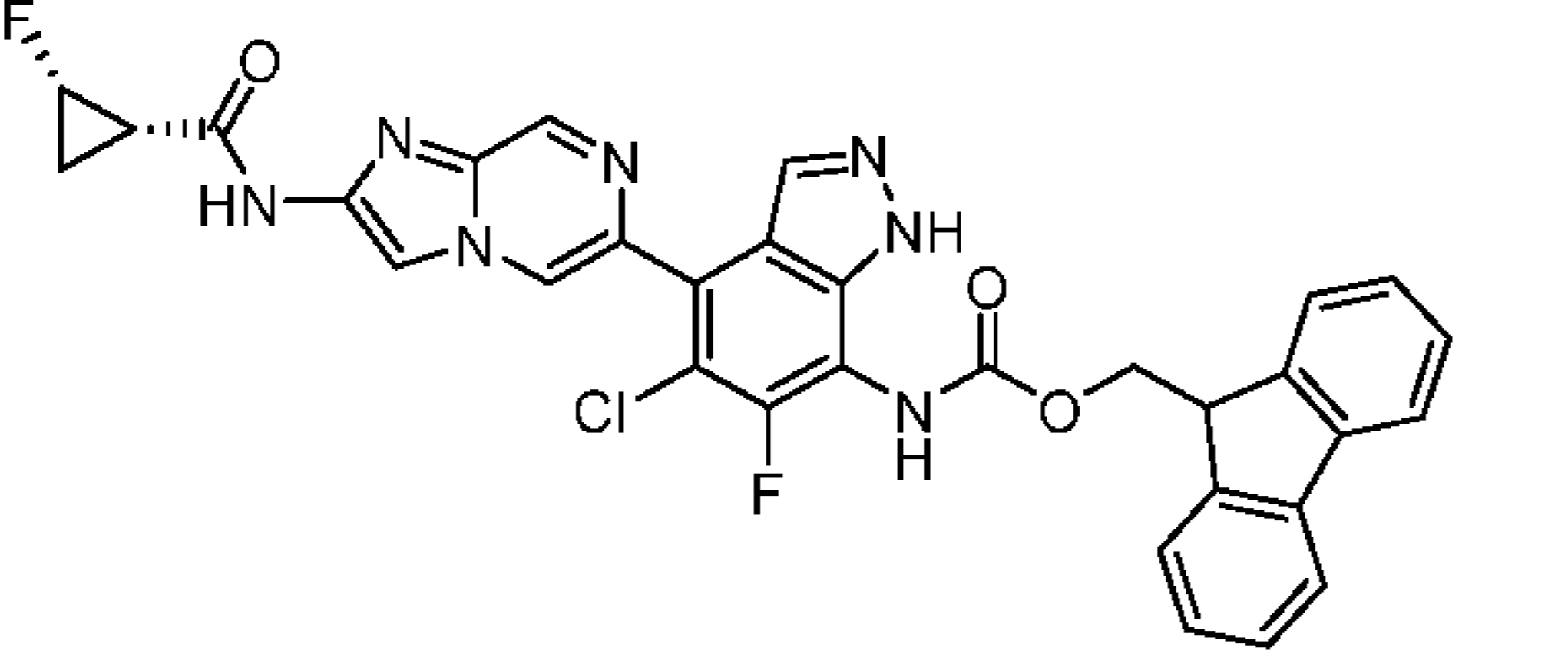
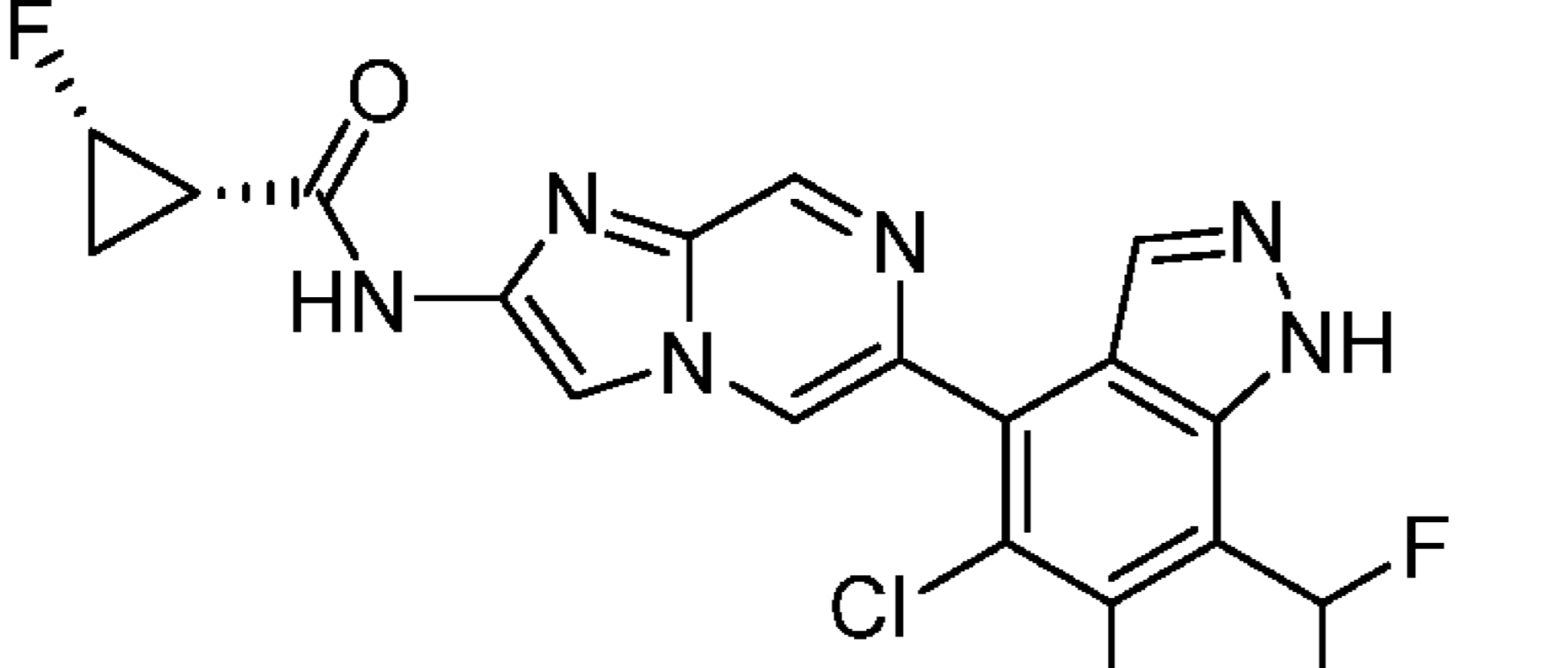
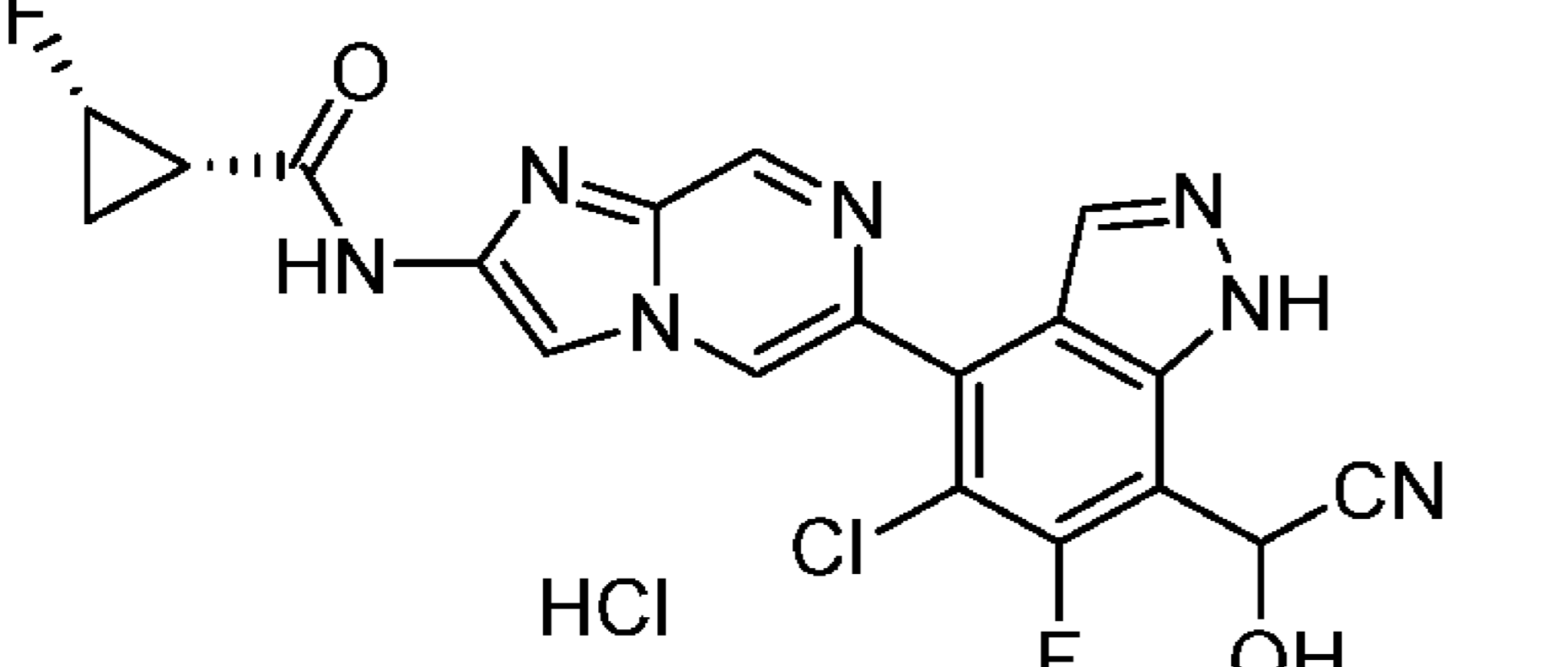
	(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(2-methyl-1H-imidazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide		
259	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-3-(triethylsilyl)prop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.60 (br s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (s, 1H), 8.39 (s, 1H), 8.14 (s, 1H), 8.06 (s, 1H), 6.86 - 6.73 (m, 1H), 6.67 - 6.60 (m, 1H), 5.17 - 4.77 (m, 1H), 2.26 - 2.12 (m, 1H), 1.92 (br d, J = 8.3 Hz, 2H), 1.80 - 1.60 (m, 1H), 1.30 - 1.13 (m, 1H), 1.06 - 0.91 (m, 9H), 0.61 (q, J = 7.9 Hz, 6H); LCMS (electrospray) m/z 543.3 (M+H) ⁺ .	D
260	 <p>(1S,2S)-N-(6-(5-chloro-7-((1,1-difluoropropan-2-yl)(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.42 (s, 1H), 11.40 (s, 1H), 9.06 (d, J=0.7 Hz, 1H), 8.97 (d, J=1.3 Hz, 1H), 8.39 (s, 1H), 8.04 (d, J=1.2 Hz, 1H), 6.46 - 6.06 (m, 1H), 5.12 - 4.82 (m, 1H), 3.77-3.53 (m, 1H), 3.02 (d, J = 1.2 Hz, 3H), 2.25-2.14 (m, 1H), 1.77-1.62 (m, 1H), 1.34 (br d, J=6.8 Hz, 3H), 1.26 - 1.15 (m, 2H); LCMS (electrospray) m/z 496.2 (M+H) ⁺ .	D
261	 <p>(1S,2S)-N-(6-(7-(sec-butyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.51 (br d, J=1.5 Hz, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (d, J=1.3 Hz, 1H), 8.38 (s, 1H), 8.05 (s, 1H), 5.11 - 4.85 (m, 1H), 3.42 (s, 1H), 2.27-2.15 (m, 1H), 1.86 (td, J=13.7, 6.4 Hz, 2H), 1.77-1.64 (m, 1H), 1.45 (br d, J=7.0 Hz, 3H), 1.35-1.16 (m, 1H), 1.10 - 1.02 (m, 1H), 0.85 (q, J=7.5 Hz, 4H); LCMS (electrospray) m/z 445.3 (M+H) ⁺ .	D
262	 <p>(1S,2S)-N-(6-(5-chloro-7-(1,4-dioxan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.31 (br s, 1H), 11.41 (s, 1H), 9.07 (s, 1H), 9.00 (d, J = 1.4 Hz, 1H), 8.39 (s, 1H), 8.06 (s, 1H), 5.25 (dd, J = 2.7, 10.3 Hz, 1H), 5.09 - 4.85 (m, 1H), 4.01 (d, J = 9.4 Hz, 1H), 3.95 - 3.84 (m, 3H), 3.79 (d, J = 9.0 Hz, 1H), 3.72 - 3.64 (m, 1H), 2.26 - 2.09 (m, 1H), 1.78 - 1.62 (m, 1H), 1.28 - 1.13 (m, 1H); LCMS (electrospray) m/z 475.1 (M+H) ⁺ .	D

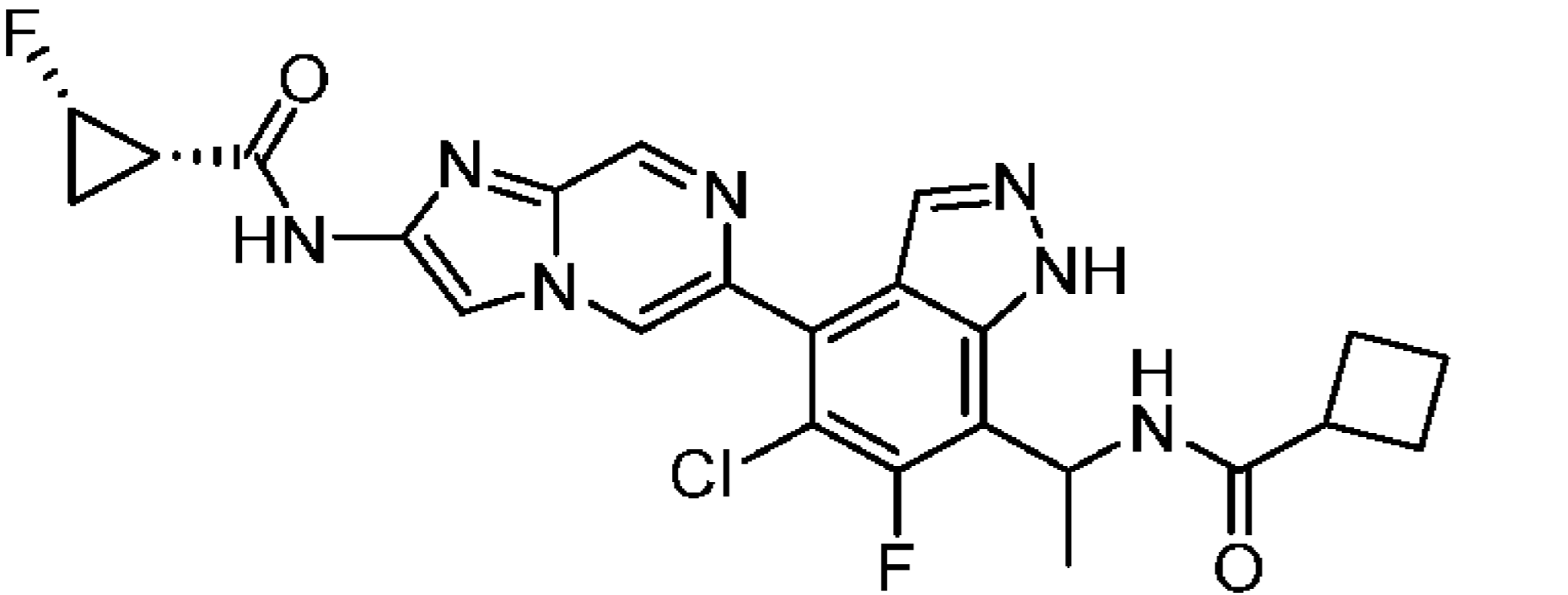
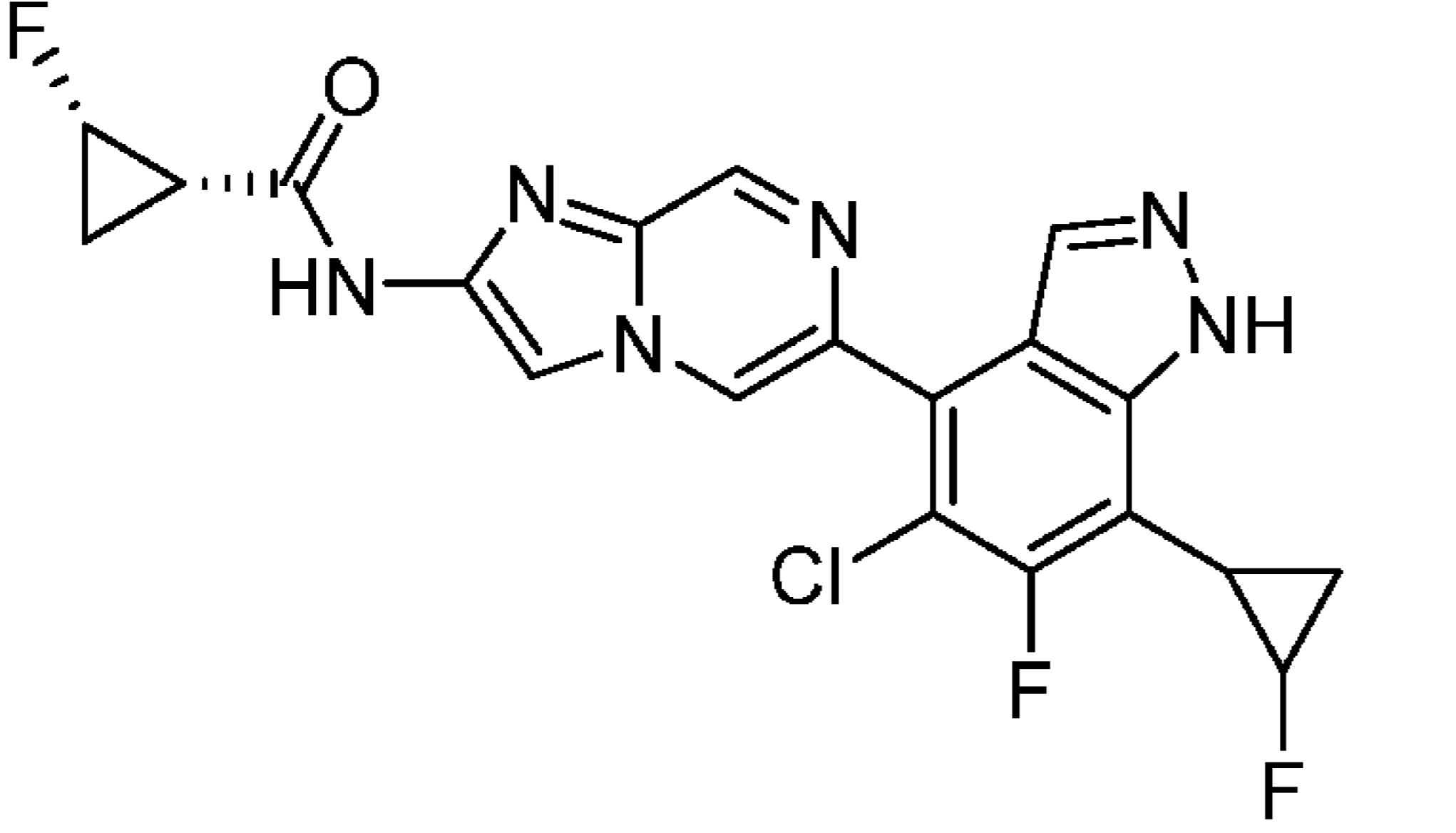
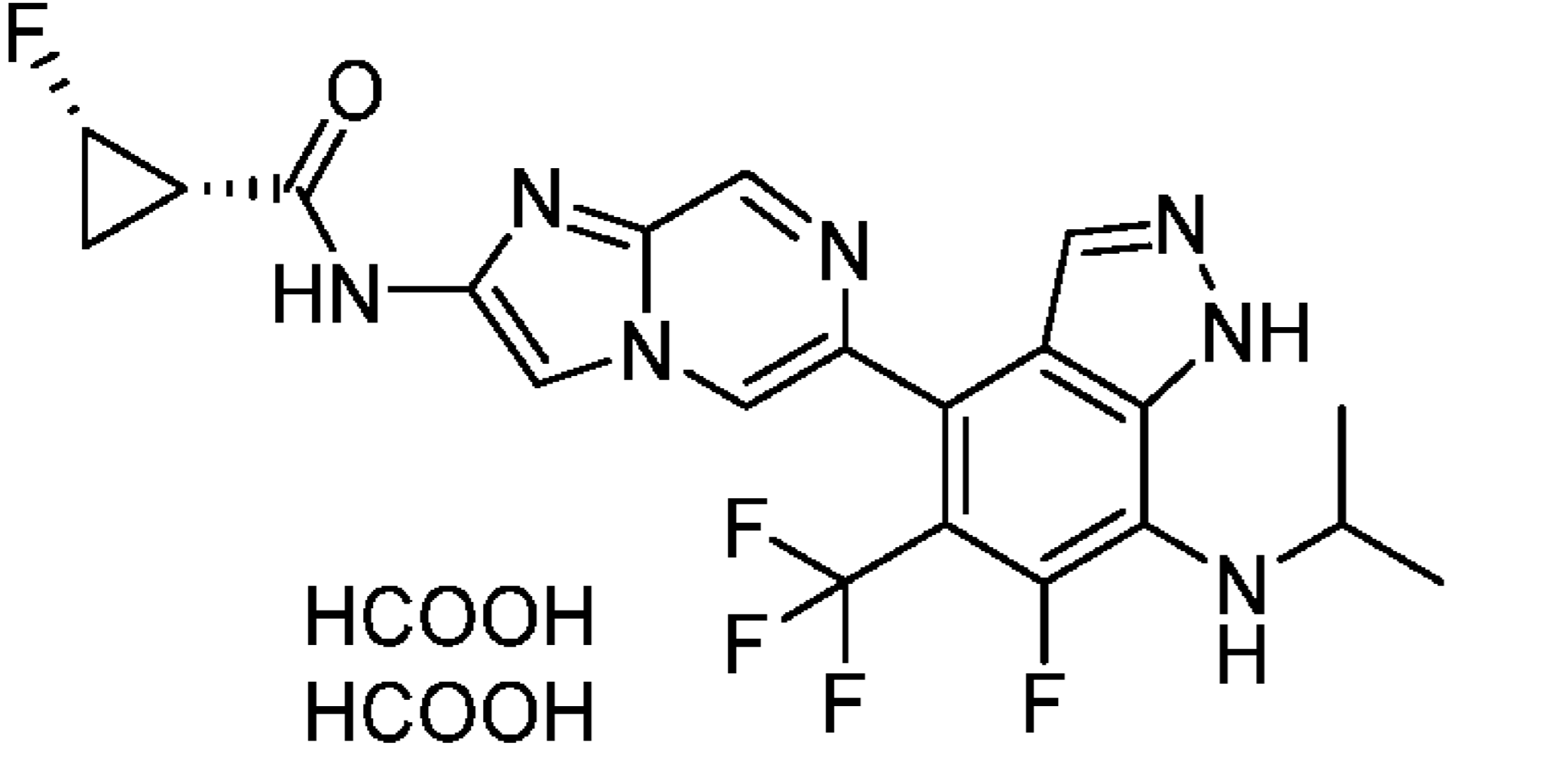
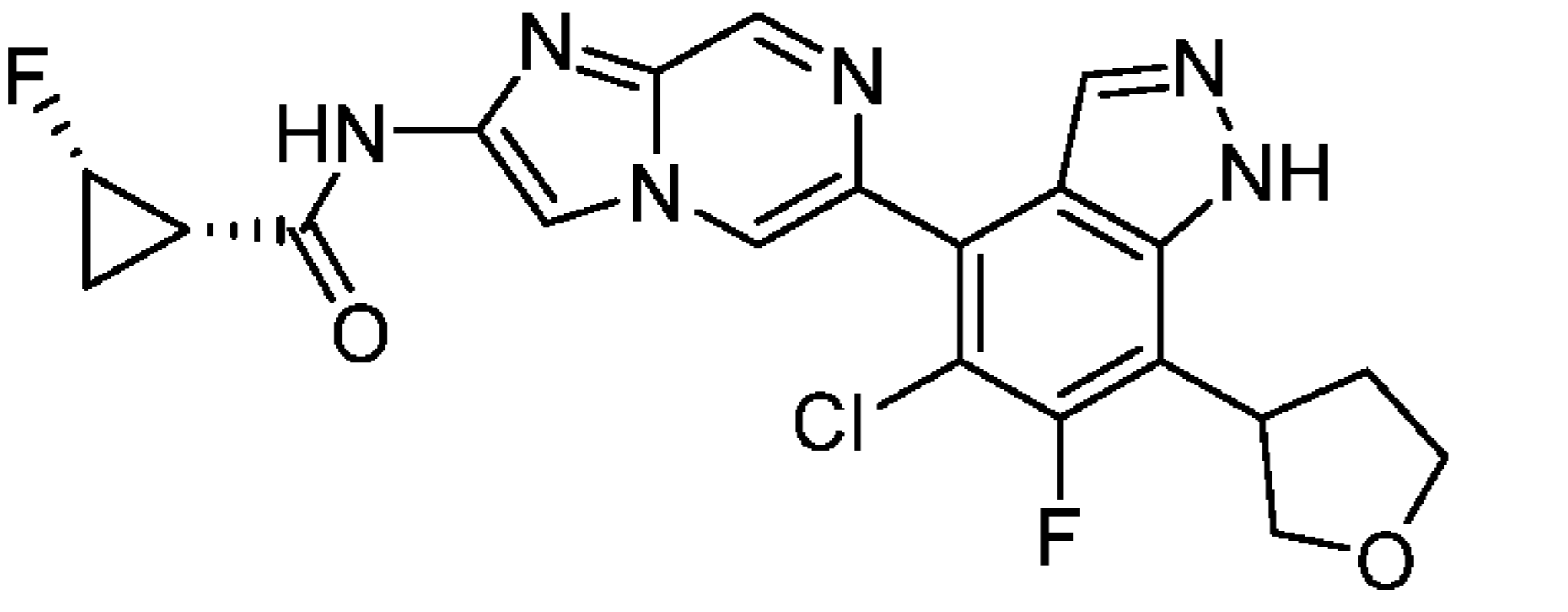
263	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydro-2H-pyran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.82-13.50(m, 1H), 11.44-11.34 (m, 1H), 9.06 (s, 1H), 8.97 (d, J=1.3 Hz, 1H), 8.45 (s, 1H), 8.38 (s, 1H), 8.06 (s, 1H), 5.13-4.83 (m, 1H), 3.99-3.87 (m, 1H), 3.61-3.52 (m, 1H), 2.25-2.14 (m, 1H), 2.04-1.95 (m, 1H), 1.82-1.72 (m, 2H), 1.71-1.62 (m, 1H), 1.29-1.13 (m, 1H); LCMS (electrospray) m/z 473.1 (M+H) ⁺ .	D
264	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(4-methyl-1H-imidazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.75 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.00 (s, 1H), 8.38 (s, 1H), 8.15 (s, 1H), 7.77 (s, 1H), 6.96 (s, 1H), 6.06-6.04 (m, 1H), 5.05-4.88 (m, 1H), 2.19-2.19 (m, 1H), 2.05 (d, J = 8.2 Hz, 6H), 1.72-1.66 (m, 1H), 1.21-1.21 (m, 1H); LCMS (electrospray) m/z 497.90 (M+H) ⁺ .	D
265	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyanofluoromethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.94 (s, 1H), 11.42 (s, 1H), 9.10 (s, 2H), 8.42 (s, 1H), 8.24 (s, 1H), 7.37 (d, J = 43.4 Hz, 1H), 5.06-4.86 (m, 1H), 2.21-2.16 (m, 1H), 1.73-1.66 (m, 1H), 1.30-1.21 (m, 1H); LCMS (electrospray) m/z 446.85 (M+H) ⁺ .	D
266	 <p>(1S,2S)-N-(6-(7-(acetamido(cyano)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.79 (s, 1H), 11.41 (s, 1H), 9.30 (s, 1H), 9.07 (d, J = 18.1 Hz, 2H), 8.41 (s, 1H), 8.21 (s, 1H), 6.56 (s, 1H), 5.07-4.81 (m, 1H), 2.19 (s, 1H), 1.95 (s, 3H), 1.72 (s, 1H), 1.21-1.12 (m, 1H); LCMS (electrospray) m/z 485.85 (M+H) ⁺ .	D

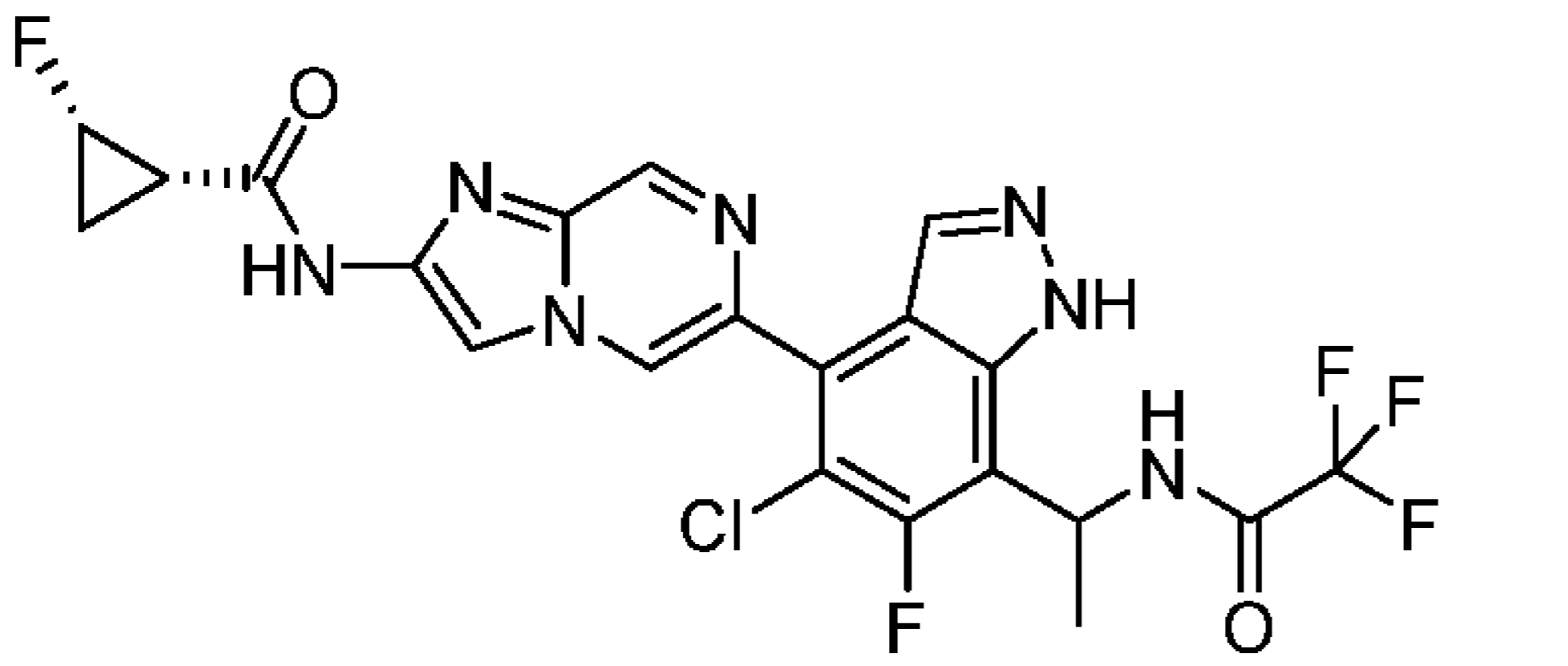
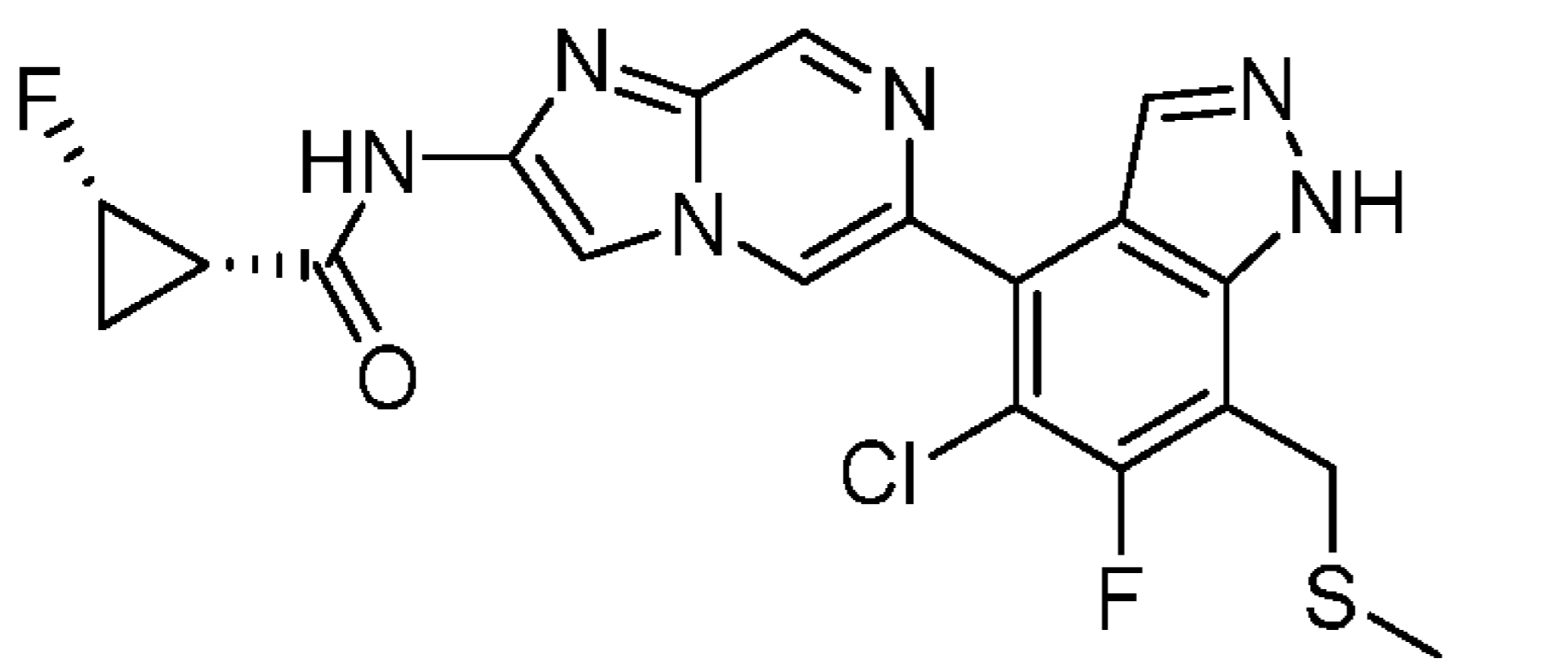
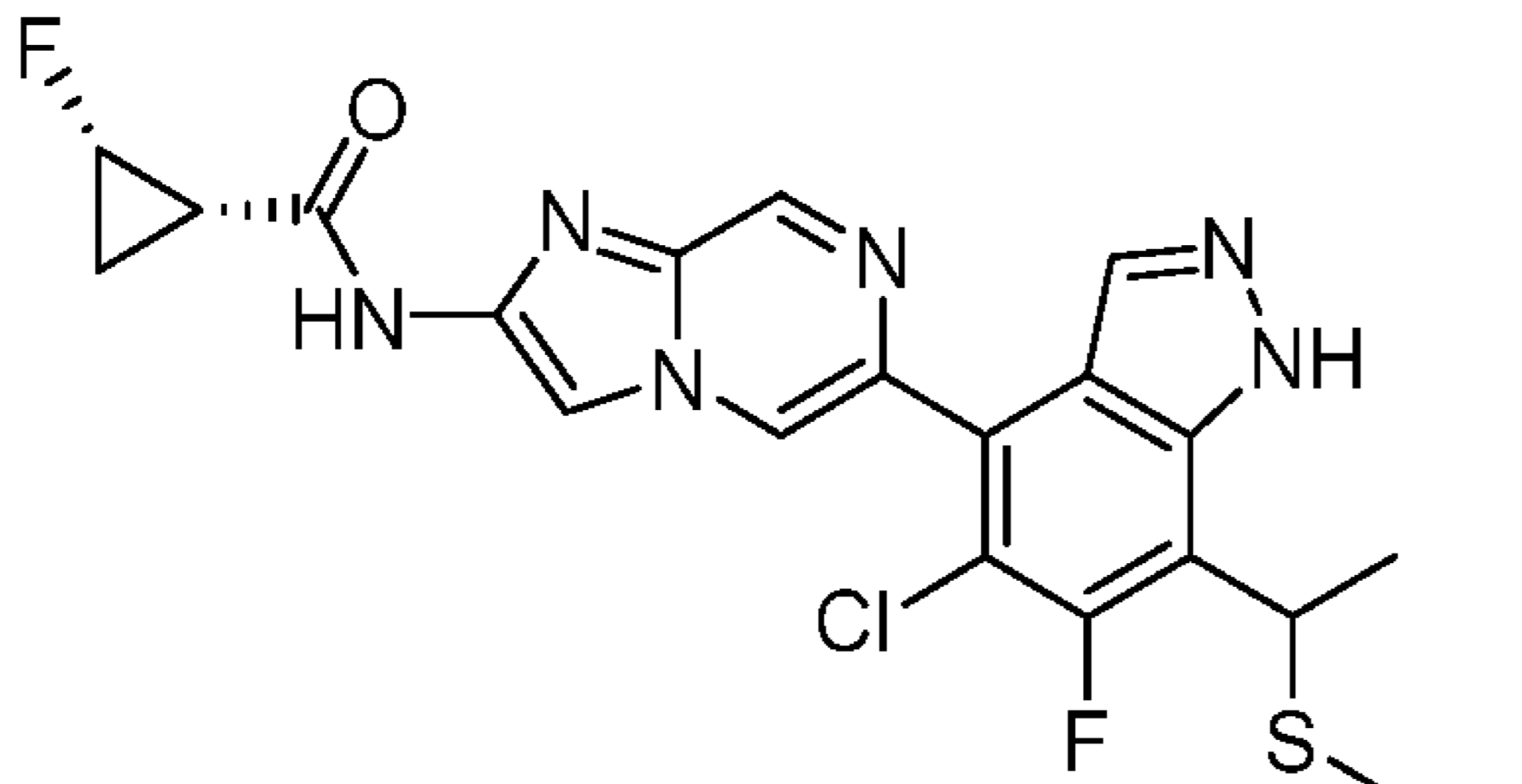
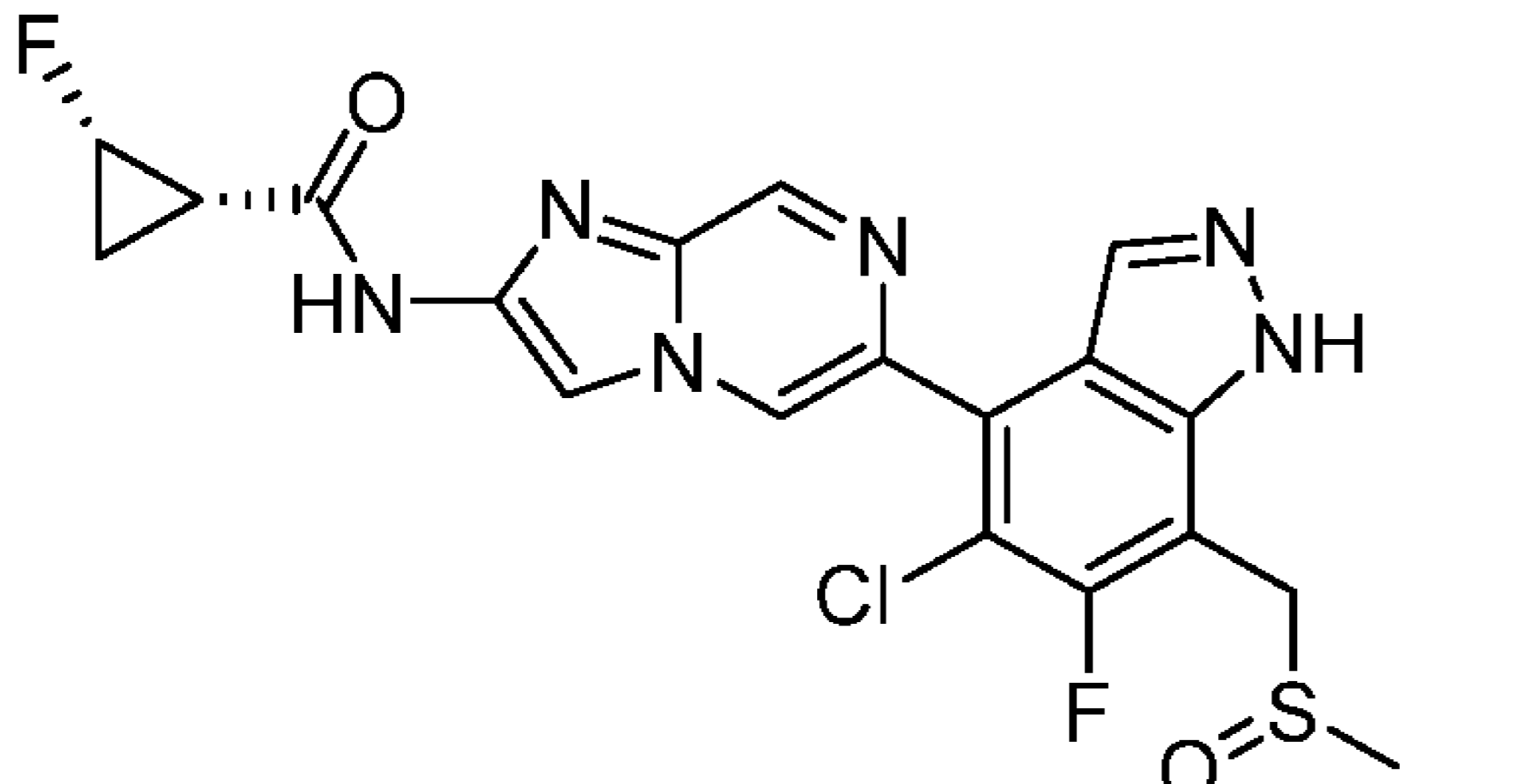
267	 <p>(1S,2S)-N-(6-(5-chloro-7-(6,6-difluoro-2-azaspiro[3.3]heptan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 1H-NMR (400 MHz, DMSO-D6) δ 12.96 (s, 1H), 11.24 (s, 1H), 8.99 (d, J = 8.8 Hz, 1H), 8.87 (d, J = 12.6 Hz, 1H), 8.35 (s, 1H), 7.95 (s, 1H), 5.04-4.85 (m, 1H), 4.53 (d, J = 11.0 Hz, 4H), 2.90 (t, J = 12.6 Hz, 4H), 2.19 (t, J = 7.1 Hz, 1H), 1.73-1.66 (m, 1H), 1.22-1.17 (m, 1H); LCMS (electrospray) m/z 519.8 (M+H) ⁺ .	D
268	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfonamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 1H-NMR (400 MHz, DMSO-D6) δ 13.43 (s, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.08 (d, J = 1.6 Hz, 1H), 7.68 (d, J = 6.6 Hz, 1H), 5.21 (t, J = 6.6 Hz, 1H), 5.07-4.86 (m, 1H), 2.86 (s, 3H), 2.23-2.16 (m, 1H), 1.74-1.60 (m, 4H), 1.21-1.16 (m, 1H); LCMS (electrospray) m/z 475.9 (M+H) ⁺ .	D
269	 <p>(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoroprop-1-en-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.77 (s, 1H), 11.42 (s, 1H), 9.08 (d, J = 1.6 Hz, 1H), 9.03 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.11 (s, 1H), 5.07-4.86 (m, 1H), 2.23-2.16 (m, 1H), 2.05 (t, J = 3.0 Hz, 3H), 1.74-1.65 (m, 1H), 1.22-1.16 (m, 1H); LCMS (electrospray) m/z 465.90 (M+H) ⁺ .	D
270	 <p>(1S,2S)-N-(6-(5-chloro-7-((1S,2R)-1,2-dihydroxypropyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.05 (s, 1H), 11.39 (s, 1H), 9.07 (s, 1H), 8.99 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 7.99 (s, 1H), 5.89 (s, 1H), 5.07-5.00 (m, 2H), 4.88 (td, J = 6.3, 3.8 Hz, 0H), 4.80 (s, 1H), 4.09-4.01 (m, 1H), 2.23-2.16 (m, 1H), 1.77-1.64 (m, 1H), 1.25-1.16 (m, 1H), 1.04 (d, J = 6.6 Hz, 3H); LCMS (electrospray) m/z 463.10 (M+H) ⁺ .	D
271	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.70 (s, 1H), 11.41 (s, 1H), 9.08 (s, 1H), 9.03 (d, J = 1.5 Hz, 1H), 8.40 (s, 1H), 8.09 (s, 1H), 5.11-4.82 (m, 1H), 3.98 (d, J = 1.8 Hz, 2H), 3.05 (s, 1H), 2.26-2.16 (m, 1H), 1.82-1.64 (m, 1H), 1.30-1.13 (m, 1H); LCMS (electrospray) m/z 427.2 (M+H) ⁺ .	D

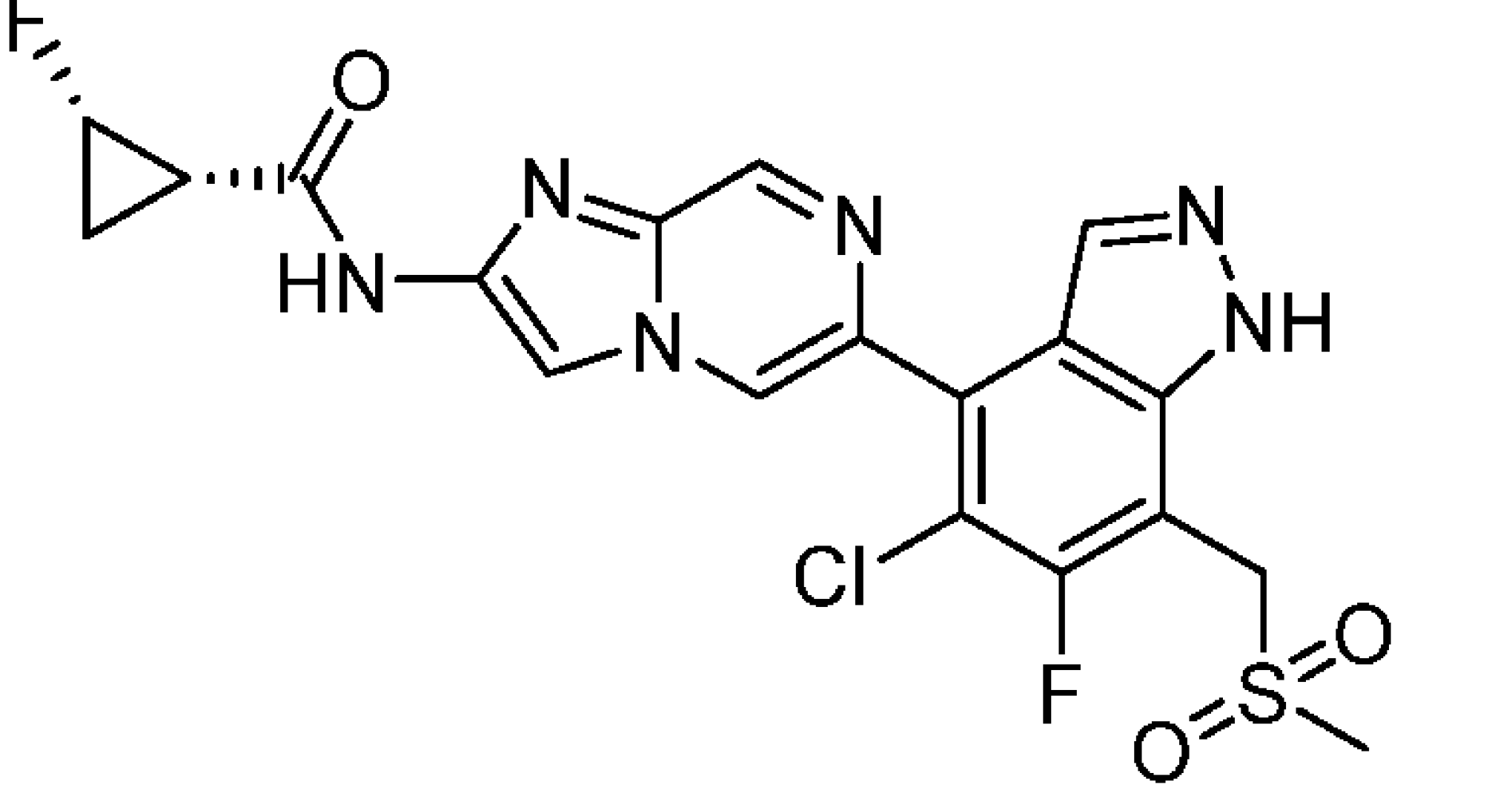
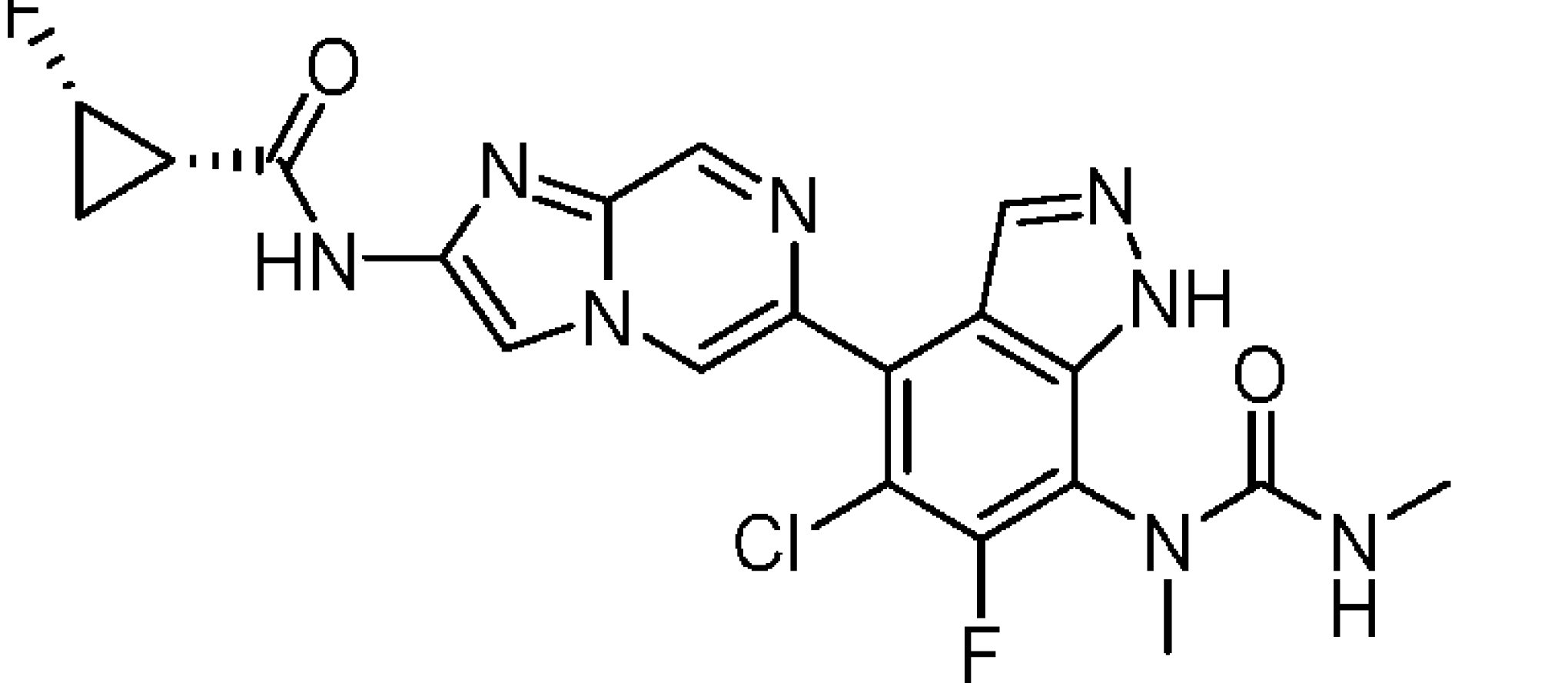
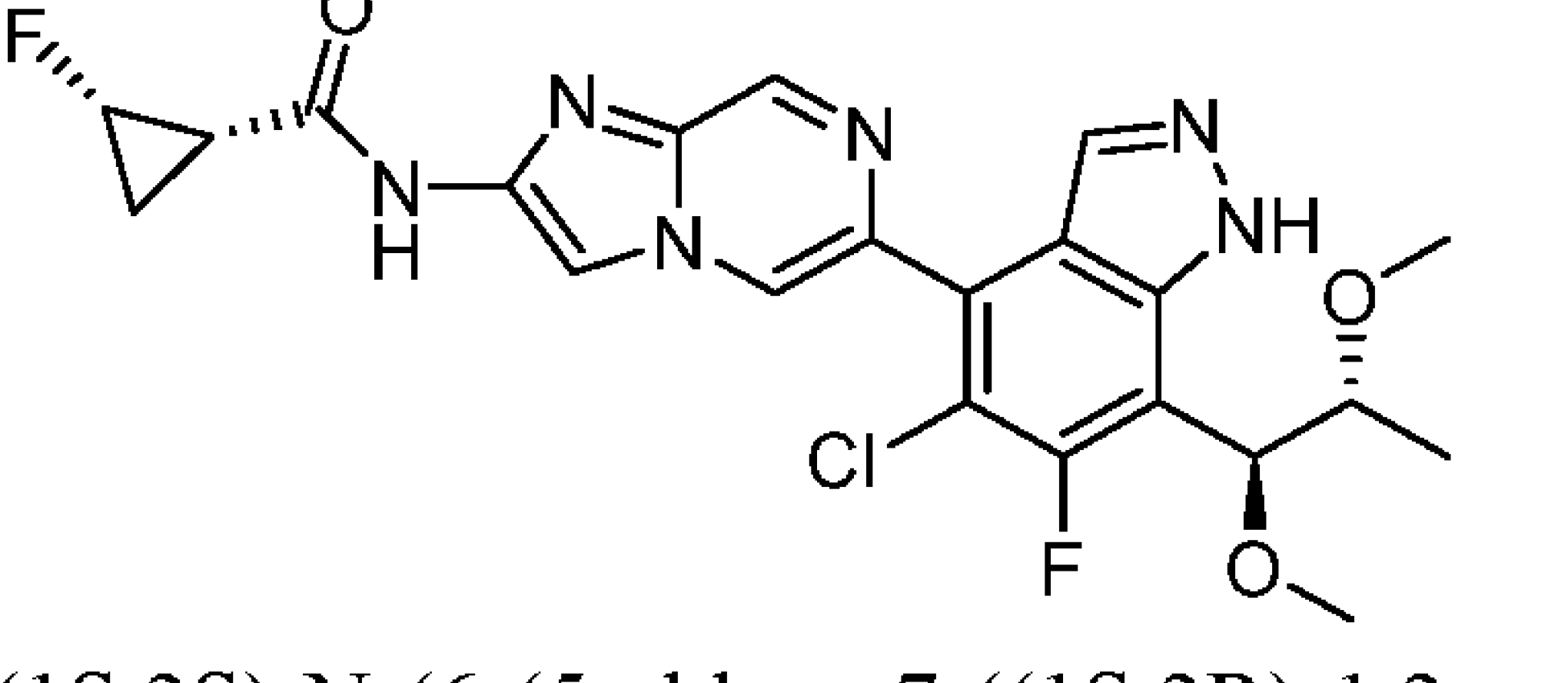
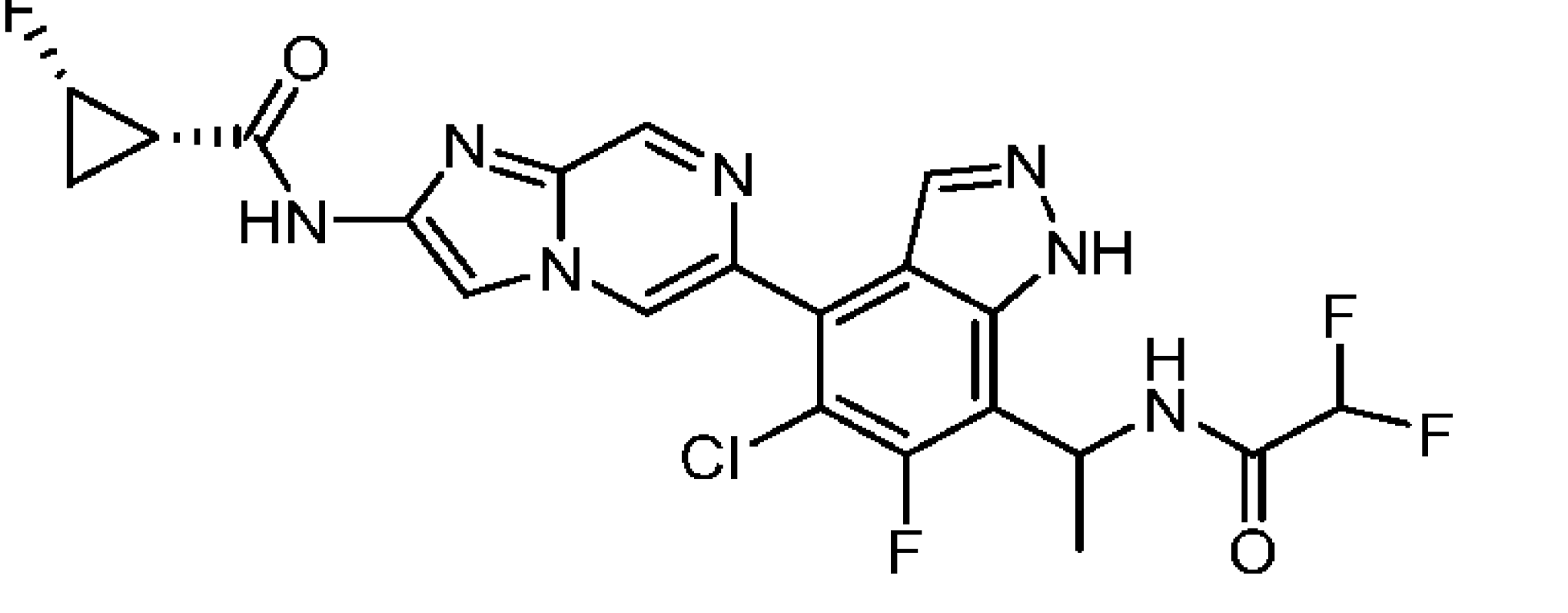
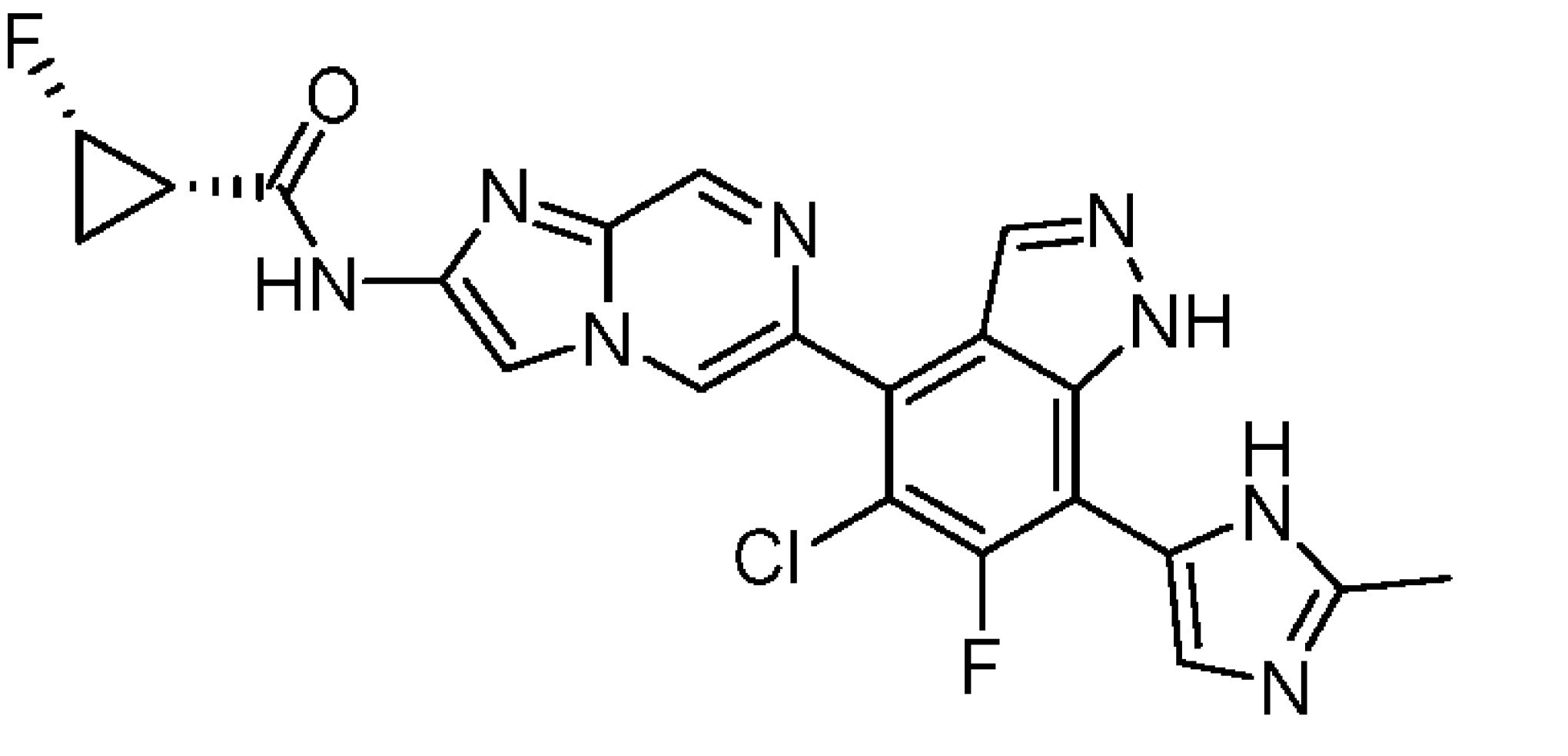
	a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide			
272	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbutan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	2	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.58-13.46(m, 1H), 11.46-11.37 (m, 1H), 9.07 (s, 1H), 9.01 (s, 1H), 8.46 (s, 2H), 8.38 (s, 1H), 8.05 (s, 1H), 5.13 - 4.82 (m, 1H), 3.13-3.04 (m, 1H), 2.20 (dd, J=7.1, 5.4 Hz, 2H), 2.08(s, 3H), 1.77-1.63 (m, 1H), 1.47-1.39 (m, 3H), 1.24 (t, J=7.2 Hz, 1H), 1.11(d, J=6.5 Hz, 3H), 0.78-0.68 (m, 3H); LCMS (electrospray) m/z 459.3 (M+H) ⁺ .	D
273	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	1	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.39-13.30(m, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.03 (d, J=1.0 Hz, 1H), 8.47 (s, 2H), 8.39 (s, 1H), 8.05 (s, 1H), 5.12 - 4.83 (m, 1H), 2.20 (dd, J=7.6, 6.1 Hz, 1H), 2.08(s, 9H), 2.02 (s, 3H), 1.93 (s, 3H), 1.79-1.63 (m, 1H), 1.52 (s, 3H), 1.32-1.25 (m, 1H); LCMS (electrospray) m/z 457.2 (M+H) ⁺ .	D
274	 <p>(1S,2S)-N-(6-(7-(acetamidomethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>		¹ H NMR (400 MHz, DMSO-d ₆) δ 13.33 (s, 1H), 11.37 (d, J = 9.9 Hz, 1H), 9.06 (s, 1H), 8.98 (d, J = 1.6 Hz, 1H), 8.45 (t, J = 5.5 Hz, 1H), 8.41-8.38 (m, 1H), 8.05 (d, J = 1.6 Hz, 1H), 5.06-4.85 (m, 1H), 4.61 (dd, J = 17.9, 5.2 Hz, 2H), 2.32-2.15 (m, 1H), 2.01-1.80 (m, 3H), 1.68 (dtd, J = 23.2, 6.9, 3.8 Hz, 1H), 1.27-1.15 (m, 1H); LCMS (electrospray) m/z 425.90 (M+H) ⁺ .	D
275	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-formyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>		¹ H NMR (400 MHz, DMSO-d ₆) δ 13.94 (s, 1H), 11.43 (s, 1H), 10.49 (s, 1H), 9.13 (d, J = 1.6 Hz, 1H), 9.11 (s, 1H), 8.43 (s, 1H), 8.22 (d, J = 1.6 Hz, 1H), 5.07-4.87 (m, 1H), 2.22-2.16 (m, 1H), 1.75-1.66 (m, 1H), 1.25-1.18 (m, 1H); LCMS (electrospray) m/z 417.85 (M+H) ⁺ .	D

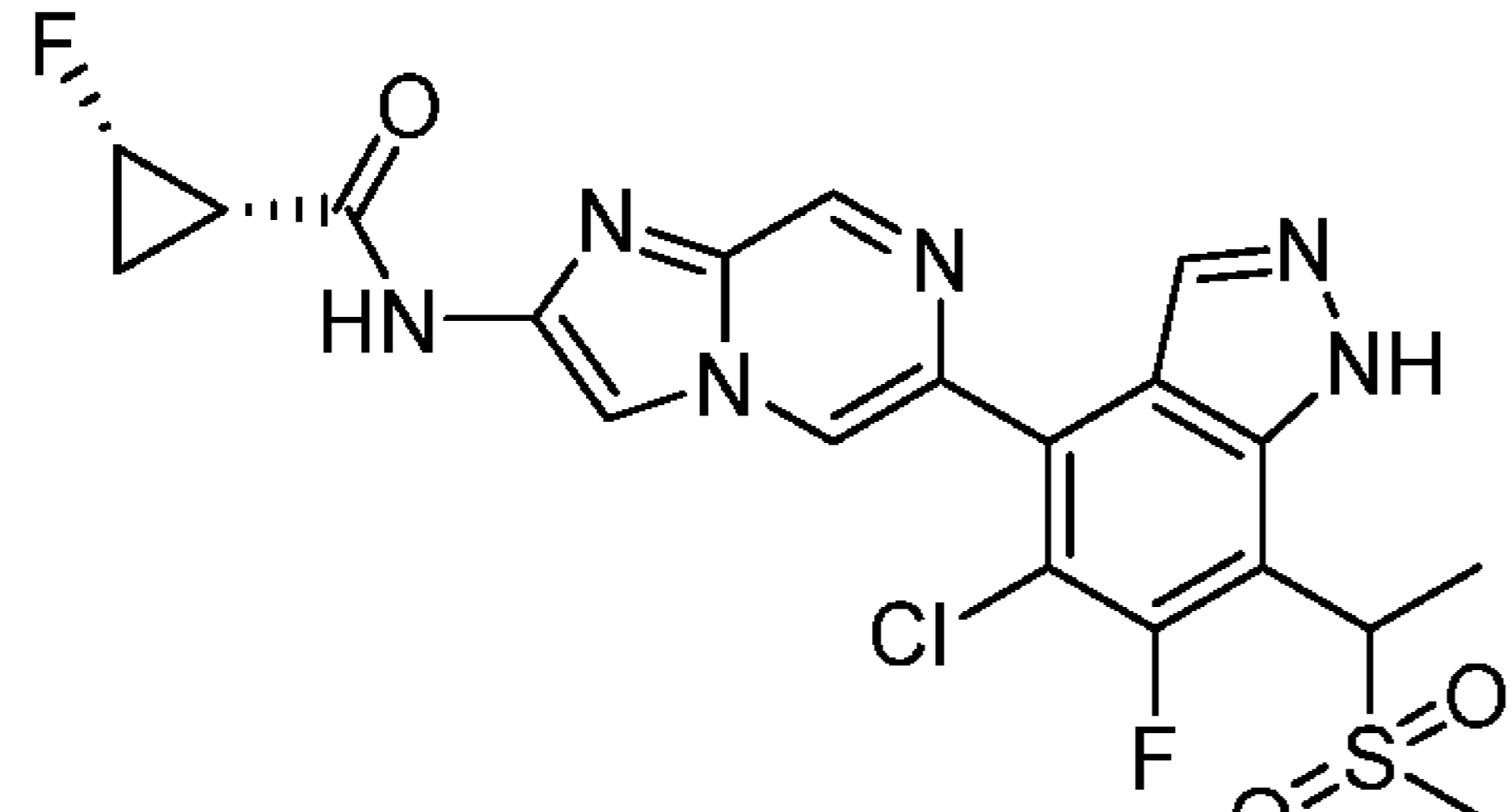
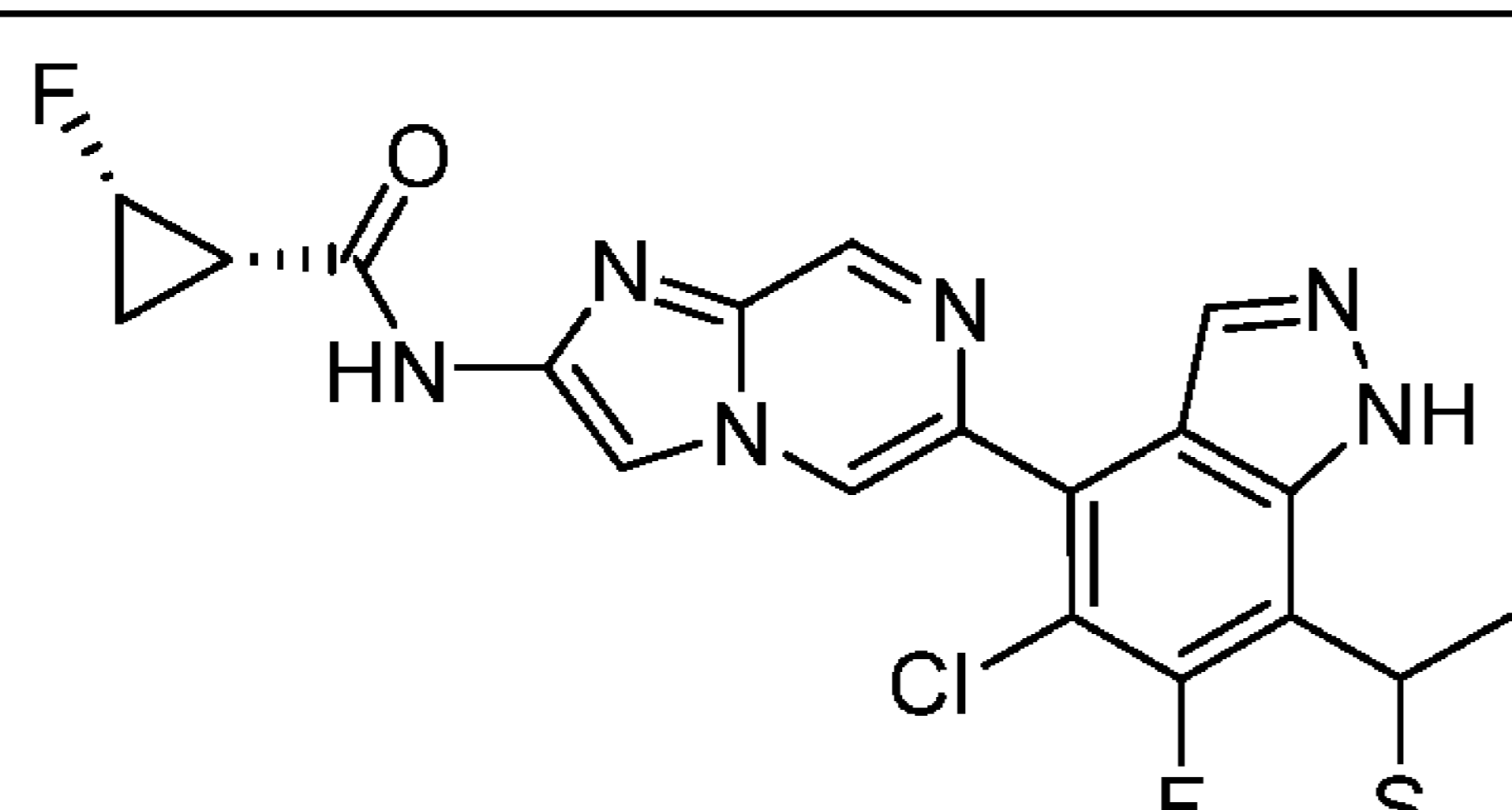
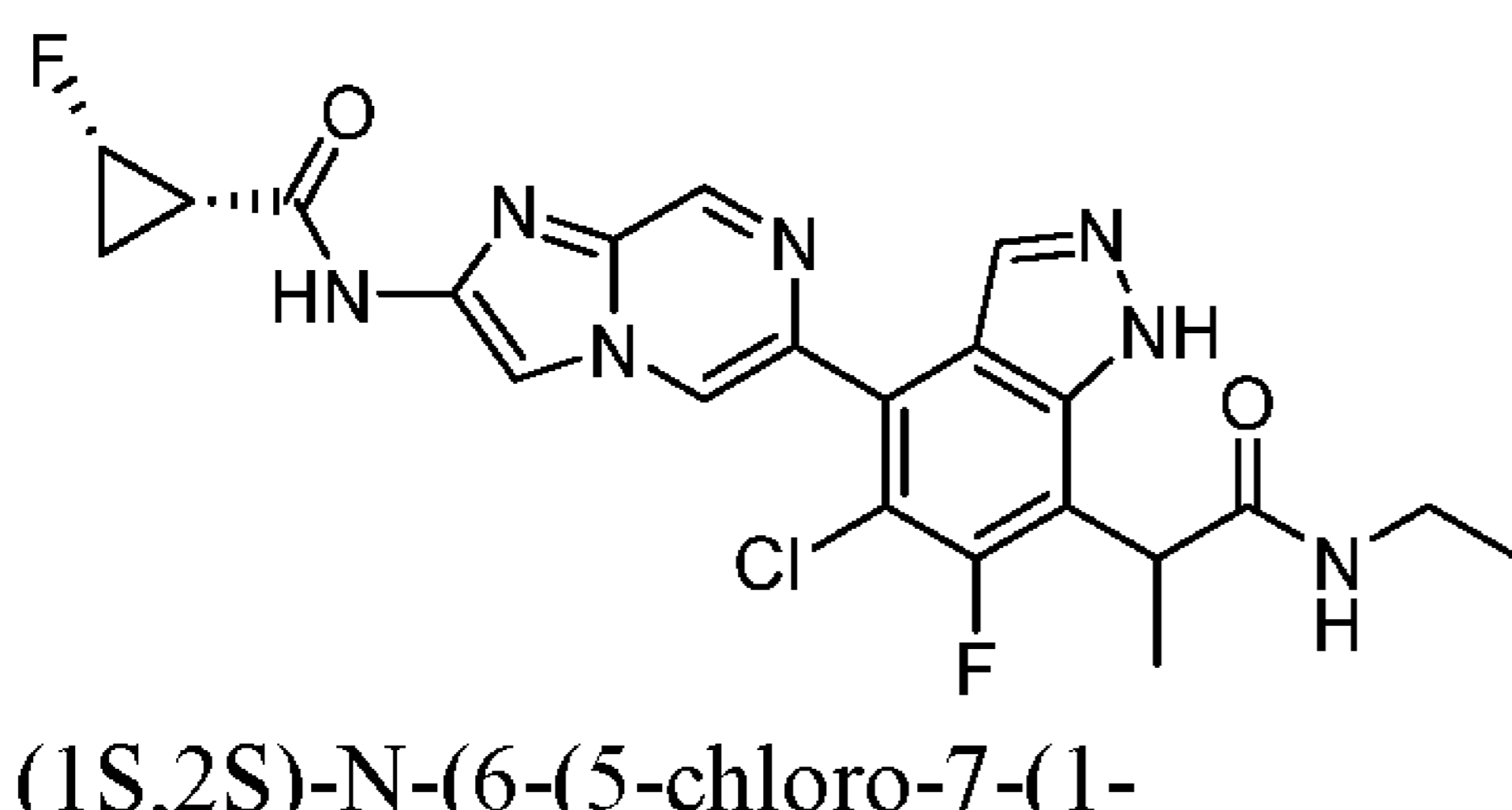
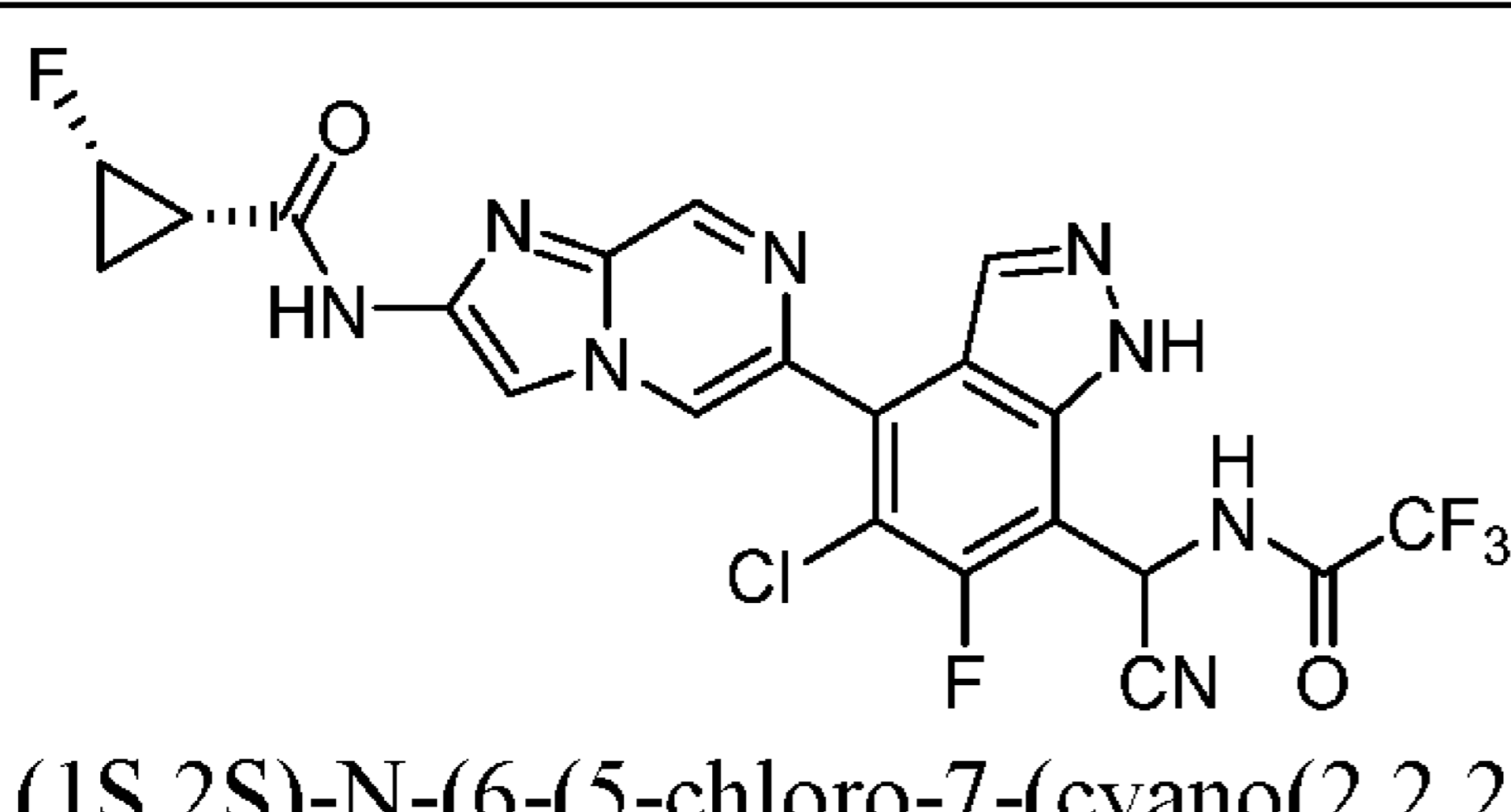
276	 <p>ethyl 5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazole-7-carboxylate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.54 (s, 1H), 11.42 (s, 1H), 9.10 (s, 2H), 8.42 (s, 1H), 8.20 (d, J = 1.1 Hz, 1H), 5.07-4.86 (m, 1H), 4.51 (q, J = 7.0 Hz, 2H), 2.21-2.16 (m, 1H), 1.75-1.64 (m, 1H), 1.41 (t, J = 6.9 Hz, 3H), 1.22-1.17 (m, 1H); LCMS (electrospray) m/z 461.80 (M+H) ⁺ .	D
277	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((2R,3R)-3-methoxybutan-2-yl)(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.11-13.51 (m, 1H), 11.31-11.43 (m, 1H), 9.02-9.06 (m, 1H), 8.91-8.96 (m, 1H), 8.40-8.47 (m, 2H), 8.31-8.38 (m, 1H), 7.97-8.08 (m, 1H), 4.98-5.12 (m, 1H), 4.83-4.92 (m, 1H), 3.48-3.49 (m, 1H), 3.47-3.54 (m, 8H), 3.24-3.26 (m, 3H), 2.96-3.05 (m, 4H), 2.11-2.24 (m, 1H), 1.62-1.78 (m, 2H), 1.47-1.58 (m, 2H), 1.27 (br d, J = 6.6 Hz, 3H), 1.06-1.13 (m, 3H); LCMS (electrospray) m/z 504.2 (M+H) ⁺ .	D
278	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((2R,3S)-3-methoxybutan-2-yl)(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.11-13.50 (m, 1H), 11.31-11.43 (m, 1H), 9.02-9.06 (m, 1H), 8.91-8.96 (m, 1H), 8.40-8.47 (m, 2H), 8.31-8.38 (m, 1H), 7.97-8.08 (m, 1H), 4.98-5.12 (m, 1H), 4.83-4.92 (m, 1H), 3.48-3.49 (m, 1H), 3.47-3.54 (m, 8H), 3.24-3.26 (m, 3H), 2.96-3.05 (m, 4H), 2.11-2.24 (m, 1H), 1.62-1.78 (m, 2H), 1.47-1.58 (m, 2H), 1.28 (br d, J = 6.6 Hz, 3H), 1.05-1.12 (m, 3H); LCMS (electrospray) m/z 504.2 (M+H) ⁺ .	D
279	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-((1-cyanocyclopropyl)amino)ethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.28-13.03 (m, 1H), 11.52-11.34 (m, 1H), 9.07 (s, 1H), 9.03-8.98 (m, 1H), 8.46 (s, 1H), 8.39 (s, 1H), 8.08-8.01 (m, 1H), 5.10-4.84 (m, 1H), 4.81-4.70 (m, 1H), 4.04 (d, J=3.3 Hz, 1H), 2.24-2.15 (m, 1H), 1.75-1.63 (m, 1H), 1.52 (d, J = 6.7 Hz, 3H), 1.29-1.23 (m, 1H), 1.22-1.14 (m, 1H), 0.97 (ddd, J=9.9, 7.6, 4.6 Hz, 1H), 0.66-0.56 (m, 1H); LCMS (electrospray) m/z 497.2 (M+H) ⁺ .	D

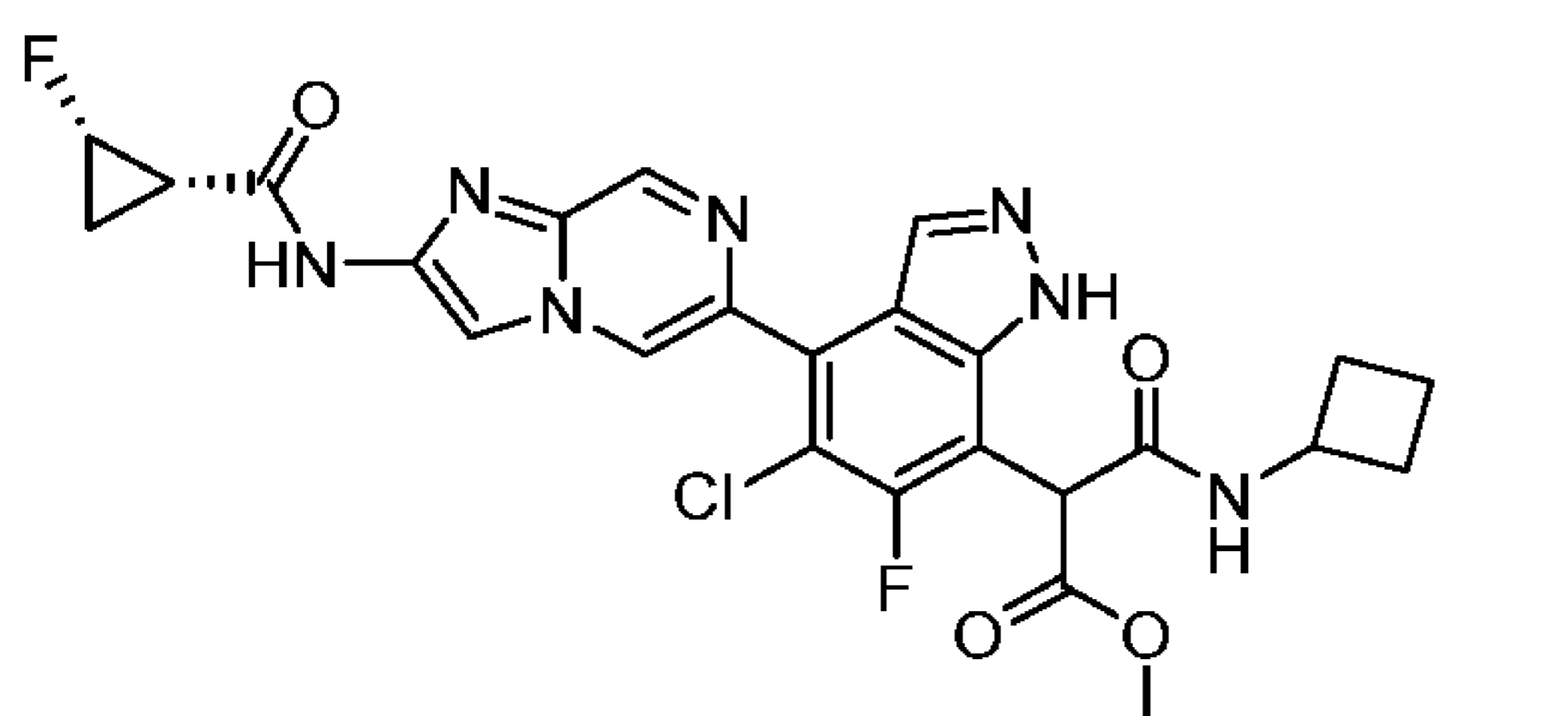
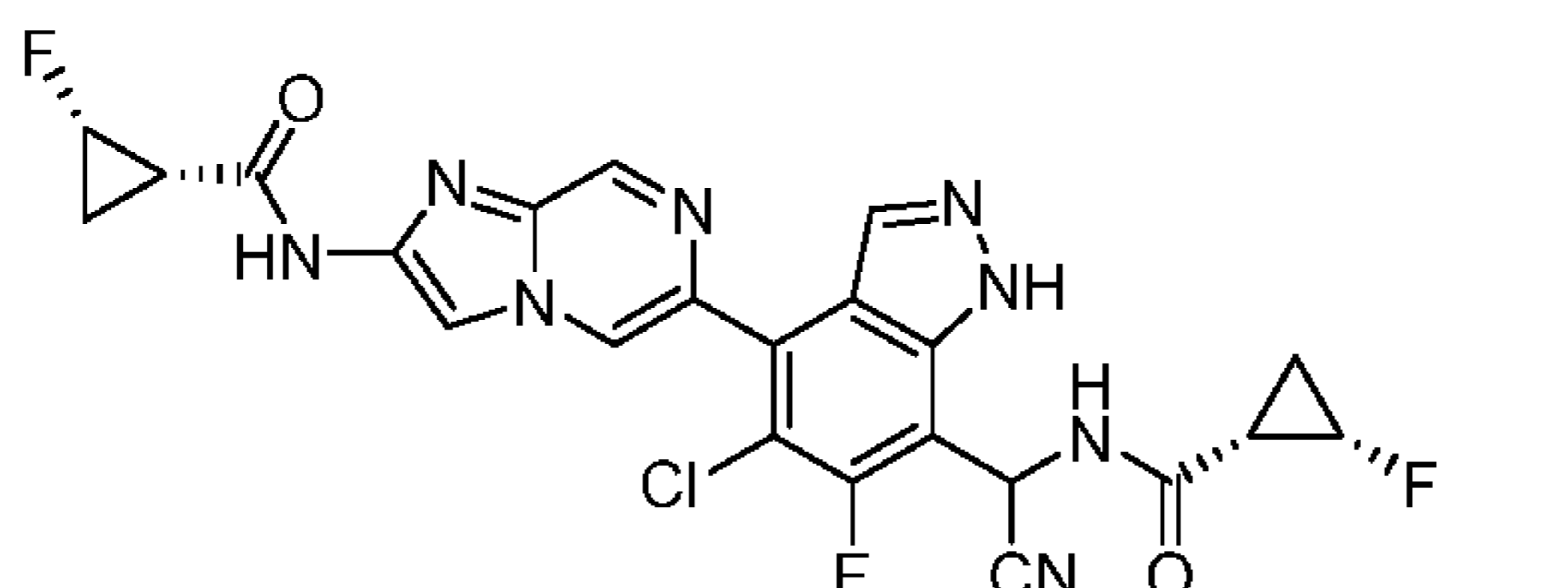
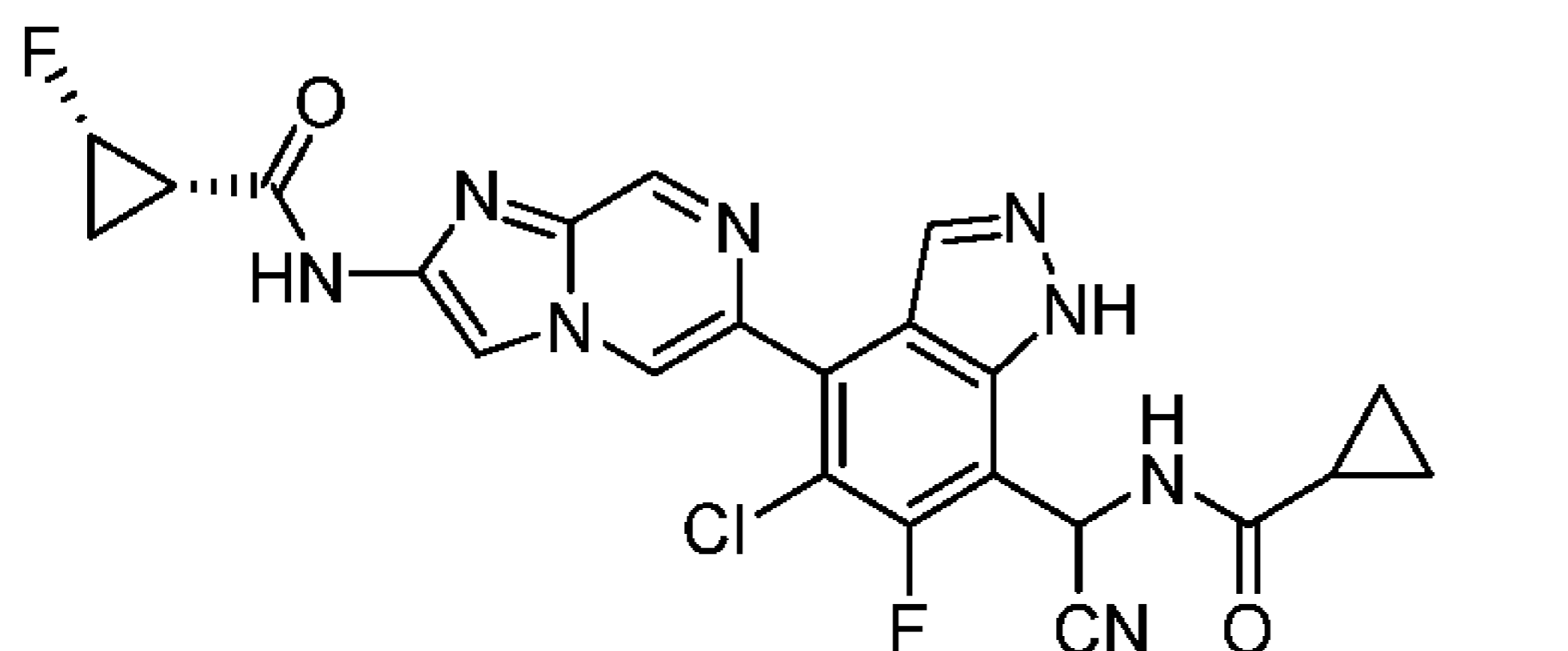
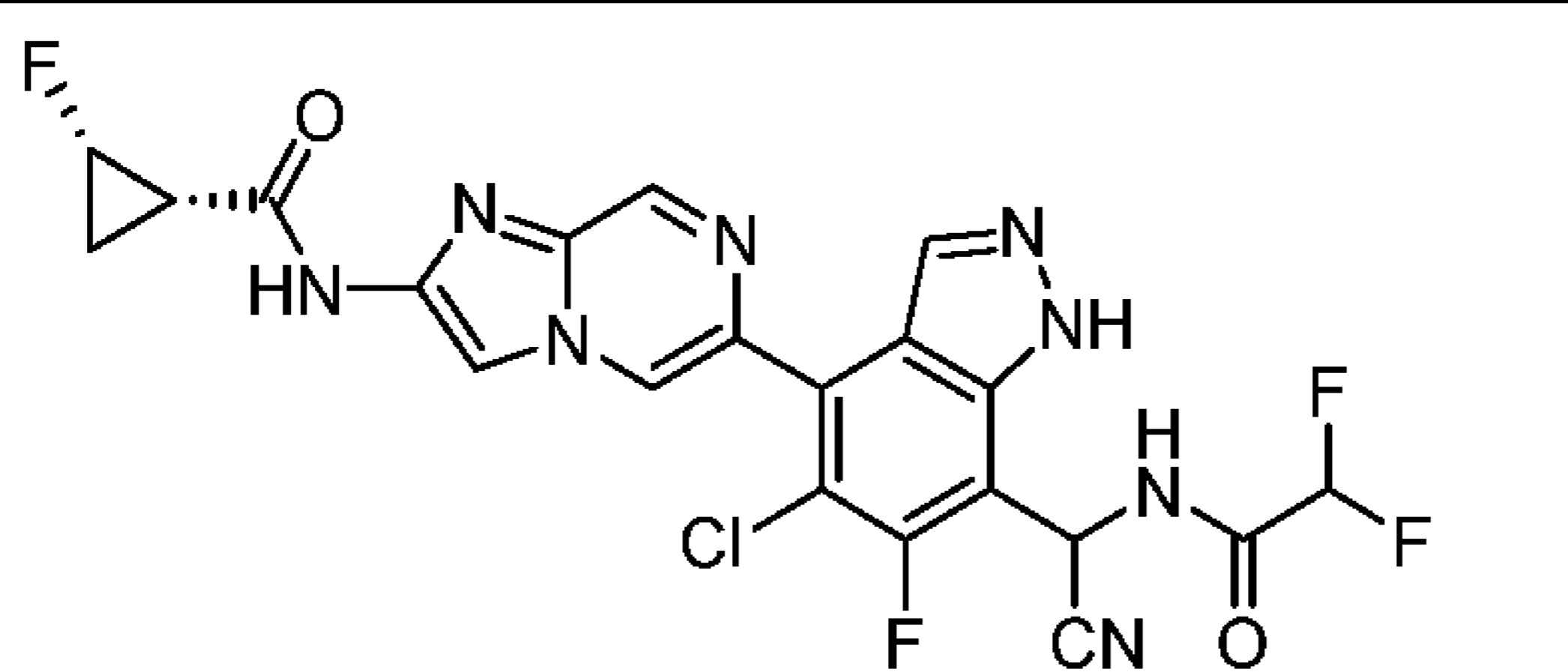
280	 <p>2-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)ethyl acetate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.67 (s, 1H), 11.42 (s, 1H), 9.07 (s, 1H), 9.02 (d, J = 1.1 Hz, 1H), 8.39 (s, 1H), 8.07 (s, 1H), 5.05-4.86 (m, 1H), 4.36 (t, J = 6.3 Hz, 2H), 3.38 (d, J = 3.8 Hz, 2H), 2.18 (q, J = 7.0 Hz, 1H), 1.94 (s, 3H), 1.69 (dd, J = 23.6, 3.8 Hz, 1H), 1.19 (d, J = 8.8 Hz, 1H); LCMS (electrospray) m/z 475.10 (M+H) ⁺ .	D
281	 <p>(9H-fluoren-9-yl)methyl (5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)carbamate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.35-13.57 (m, 1H), 11.43 (s, 1H), 9.80-10.03 (m, 1H), 9.09 (s, 1H), 9.05 (s, 1H), 8.40 (s, 1H), 8.07 (s, 1H), 7.89 (d, J = 30.2 Hz, 4H), 7.44-7.34 (m, 4H), 4.83-5.13 (m, 1H), 4.21-4.66 (m, 3H), 2.14-2.27 (m, 1H), 1.71-1.71 (m, 1H), 1.14-1.21 (m, 1H); LCMS (electrospray) m/z 627.80 (M+H) ⁺ .	D
282	 <p>(1S,2S)-N-(6-(5-chloro-7-(difluoromethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.84 (s, 1H), 11.45 (d, J = 4.4 Hz, 1H), 9.14-9.08 (m, 2H), 8.42 (s, 1H), 8.21 (d, J = 8.5 Hz, 1H), 7.65 (t, J = 53.3 Hz, 1H), 5.08-4.87 (m, 1H), 2.22-2.16 (m, 1H), 1.74-1.64 (m, 1H), 1.21-1.17 (m, 1H); LCMS (electrospray) m/z 439.80 (M+H) ⁺ .	D
283	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyano(hydroxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 HCl</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 11.43 (s, 1H), 9.10 (d, J = 2.0 Hz, 1H), 9.06 (d, J = 1.6 Hz, 1H), 8.40 (d, J = 5.5 Hz, 1H), 8.16 (s, 1H), 6.37 (s, 1H), 5.17-4.87 (m, 1H), 2.23-2.16 (m, 1H), 1.74-1.64 (m, 1H), 1.24-1.17 (m, 1H); LCMS (electrospray) m/z 444.00 (M+H) ⁺ .	D

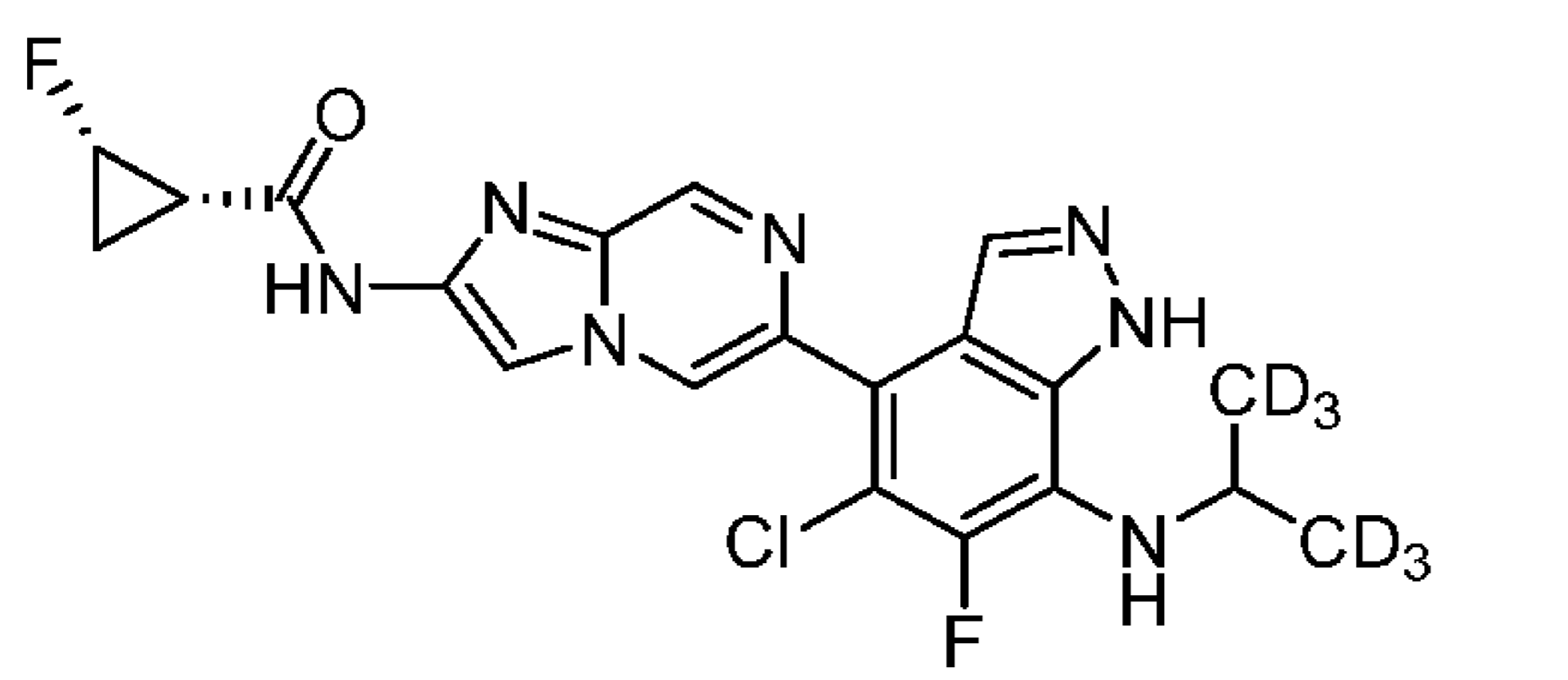
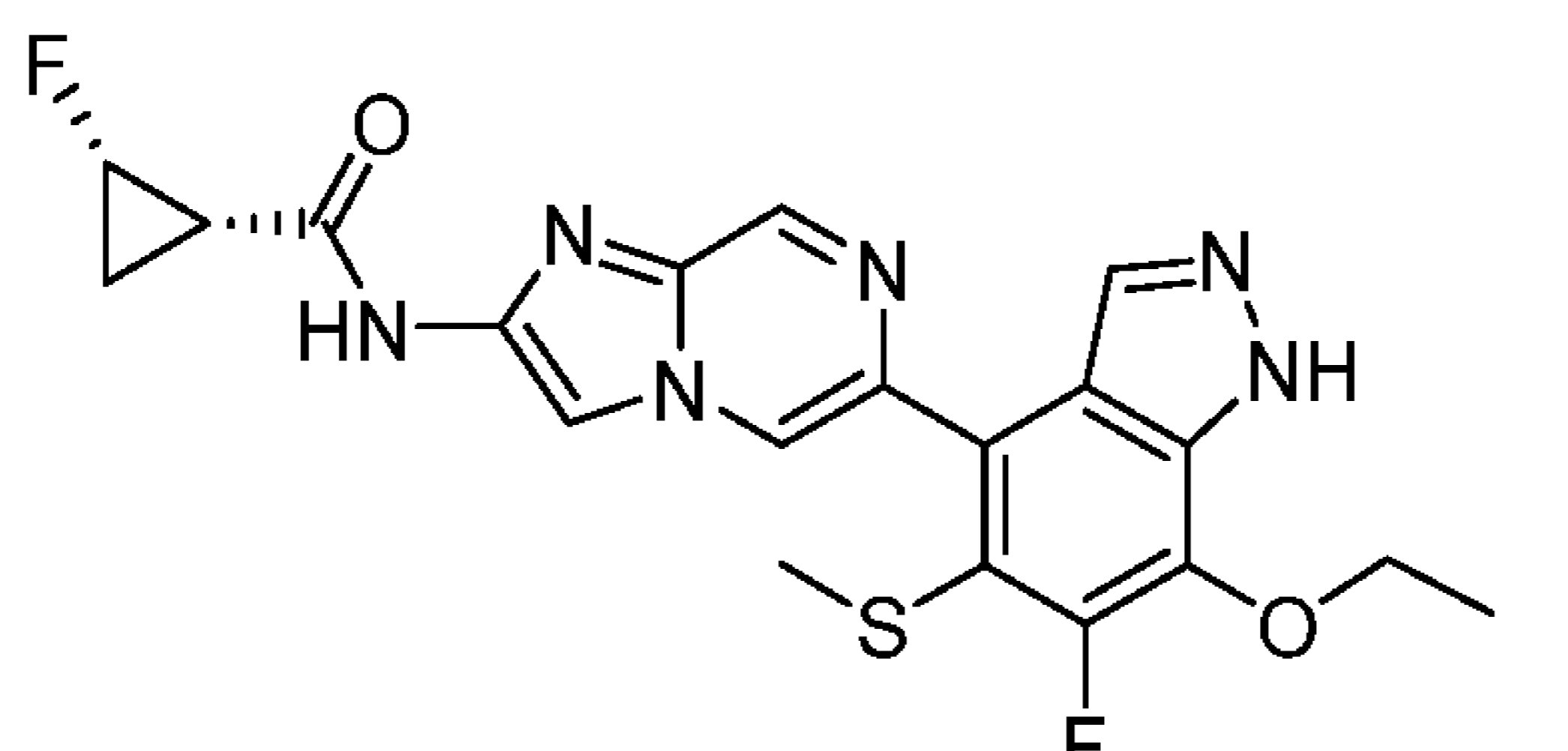
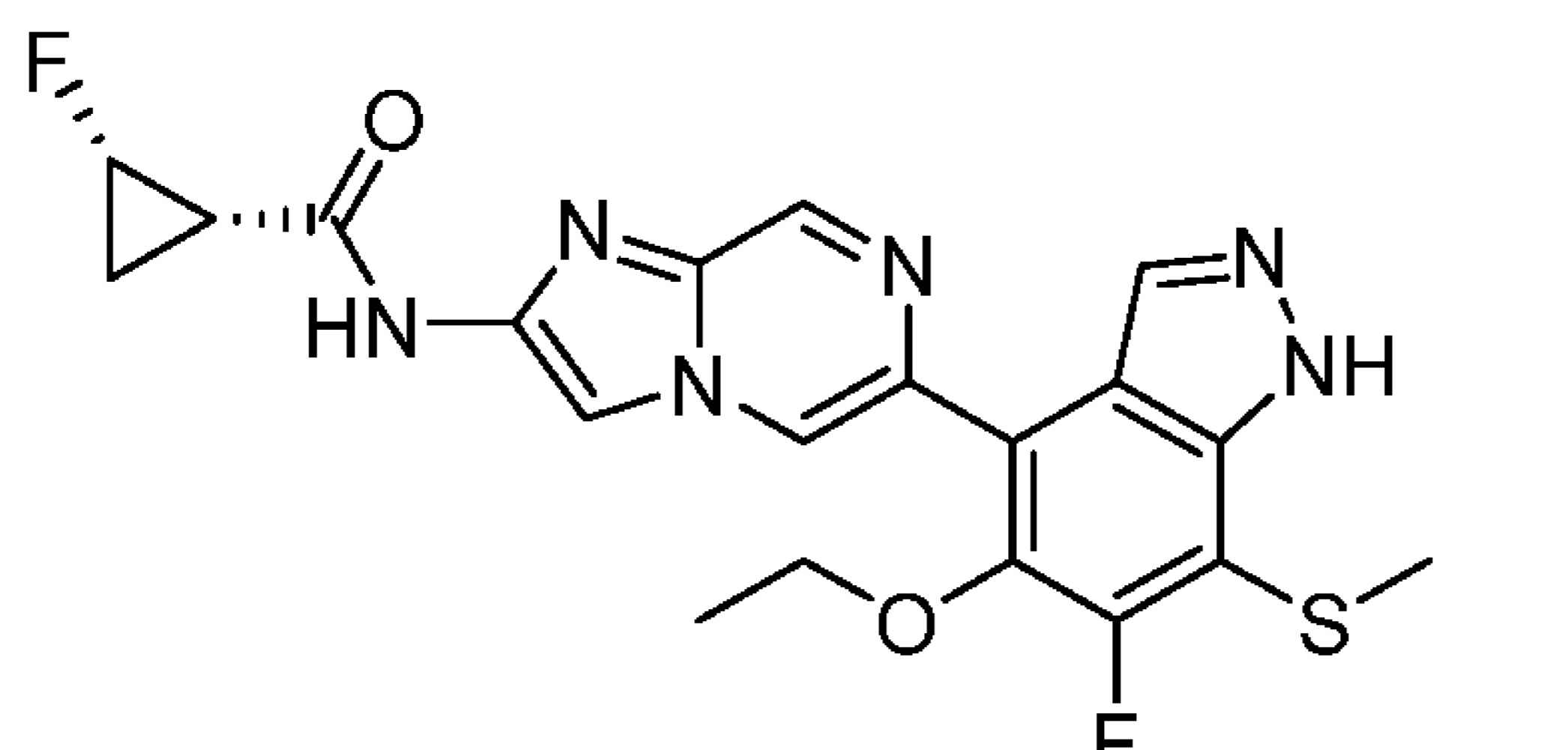
284	 <p>N-(1-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)ethyl)cyclobutanecarboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.78 - 13.32 (m, 1H), 11.40 (s, 1H), 9.07 (s, 1H), 8.99 (d, J = 1.0 Hz, 1H), 8.50 (s, 1H), 8.37 (s, 1H), 8.33 (br d, J = 6.8 Hz, 1H), 8.04 (s, 1H), 5.45 (br t, J = 7.0 Hz, 1H), 5.10 - 4.81 (m, 1H), 3.08 (br t, J = 8.1 Hz, 1H), 2.24 - 2.17 (m, 1H), 2.15 - 2.01 (m, 2H), 1.98 - 1.91 (m, 2H), 1.90 - 1.82 (m, 1H), 1.76 - 1.63 (m, 2H), 1.56 (br d, J = 7.2 Hz, 3H), 1.25 - 1.16 (m, 1H); LCMS (electrospray) m/z 514.2 (M+H) ⁺ .	D
285	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-fluorocyclopropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.95-13.62 (1H), 11.41 (s, 1H), 9.06 (s, 1H), 8.96 (d, J = 1.2 Hz, 1H), 8.39 (s, 1H), 8.08 (s, 1H), 5.46-5.22 (m, 1H), 5.08-4.85 (m, 1H), 2.82-2.69 (m, 1H), 2.25-2.13 (m, 1H), 1.80-1.72 (m, 1H), 1.71-1.62 (m, 1H), 1.48-1.36 (m, 1H), 1.22-1.15 (m, 1H); LCMS (electrospray) m/z 447.1 (M+H) ⁺ .	D
286	 <p>(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide. 2 formic acid</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.02-13.21 (m, 1H), 11.30-11.40 (m, 1H), 8.95-9.06 (m, 1H), 8.75-8.82 (m, 1H), 8.29-8.41 (m, 1H), 7.81-7.95 (m, 1H), 5.01-5.08 (m, 1H), 4.84-4.95 (m, 2H), 3.92-4.13 (m, 1H), 2.24-2.30 (m, 3H), 2.12-2.23 (m, 2H), 1.61-1.76 (m, 1H), 1.20-1.27 (m, 1H), 1.16-1.20 (m, 1H); LCMS (electrospray) m/z 564.3 (M+H) ⁺ .	D
287	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydrofuran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.43-13.59 (m, 1H), 13.34 (br d, J = 1.2 Hz, 1H), 11.35-11.48 (m, 1H), 9.28-9.33 (m, 1H), 9.28-9.33 (m, 1H), 9.04-9.10 (m, 1H), 8.97-9.02 (m, 1H), 8.63-8.72 (m, 1H), 8.63-8.65 (m, 1H), 8.36-8.42 (m, 1H), 8.00-8.11 (m, 1H), 7.53-7.60 (m, 1H), 5.00-5.11 (m, 1H), 4.82-4.94 (m, 1H), 4.06-4.16 (m, 2H), 3.96-4.04 (m, 1H), 3.82-3.96 (m, 2H), 2.35-2.44 (m, 1H), 2.11-2.30 (m, 2H), 1.62-1.75 (m, 1H), 1.15-1.29 (m, 1H); LCMS (electrospray) m/z 458.8 (M+H) ⁺ .	D

288	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(2,2,2-trifluoroacetamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.66 (m, 1H), 11.40 (s, 1H), 10.13 (m, 1H), 9.07 (s, 1H), 9.01 (d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.10 (s, 1H), 5.56 (q, J=7.2 Hz, 1H), 4.96 (m, 1H), 2.19 (m, 1H), 1.70 (m, 4H), 1.21 (ddt, J=12.3, 9.0, 6.2, 6.2 Hz, 1H); LCMS (electrospray) m/z 528.1 (M+H) ⁺ .	D
289	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylthio)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.65 (s, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.03 (d, J = 1.6 Hz, 1H), 8.39 (s, 1H), 8.07 (d, J = 1.1 Hz, 1H), 5.07-4.86 (m, 1H), 4.11 (s, 2H), 2.23-2.15 (m, 1H), 2.10-2.03 (m, 3H), 1.69 (dtd, J = 23.3, 6.9, 3.8 Hz, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 450.00 (M+H) ⁺ .	D
290	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylthio)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.53 (s, 1H), 11.42 (s, 1H), 9.08 (s, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.38 (s, 1H), 8.08 (s, 1H), 5.76 (s, 0H), 5.07-4.86 (m, 1H), 4.65 (q, J = 7.1 Hz, 1H), 2.23-2.16 (m, 1H), 1.97 (d, J = 11.0 Hz, 3H), 1.78 (d, J = 7.1 Hz, 3H), 1.69 (dtd, J = 23.4, 6.9, 3.6 Hz, 1H), 1.25-1.16 (m, 1H); LCMS (electrospray) m/z 464.10 (M+H) ⁺ .	D
291	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylsulfinyl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.67 (s, 1H), 11.41 (d, J = 9.9 Hz, 1H), 9.09-9.05 (m, 2H), 8.39 (d, J = 3.3 Hz, 1H), 8.10 (d, J = 1.6 Hz, 1H), 5.07-4.87 (m, 1H), 4.56-4.44 (m, 2H), 2.74-2.67 (m, 3H), 2.23-2.16 (m, 1H), 1.69 (dtd, J = 23.5, 6.9, 3.7 Hz, 1H), 1.25-1.15 (m, 1H); LCMS (electrospray) m/z 466.00 (M+H) ⁺ .	D

292	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylsulfonyl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.67 (s, 1H), 11.43 (s, 1H), 9.09-9.06 (m, 2H), 8.40 (s, 1H), 8.12 (s, 1H), 5.07-4.87 (m, 3H), 3.13 (d, J = 14.3 Hz, 3H), 2.23-2.16 (m, 1H), 1.69 (dtd, J = 23.1, 6.9, 3.8 Hz, 1H), 1.25-1.17 (m, 1H); LCMS (electrospray) m/z 482.00 (M+H) ⁺ .	D
293	 <p>(1S,2S)-N-(6-(5-chloro-7-(1,3-dimethylureido)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.67 (s, 1H), 11.42 (s, 1H), 9.09 (s, 1H), 8.99 (d, J = 1.6 Hz, 1H), 8.44 (s, 1H), 8.10 (s, 1H), 6.46 (s, 1H), 5.07-4.87 (m, 1H), 3.21 (s, 3H), 2.58 (d, J = 4.4 Hz, 3H), 2.23-2.16 (m, 1H), 1.72-1.66 (m, 1H), 1.25-1.15 (m, 1H); LCMS (electrospray) m/z m/z 475.10 (M+H) ⁺ .	D
294	 <p>(1S,2S)-N-(6-(5-chloro-7-((1S,2R)-1,2-dimethoxypropyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.28 (s, 1H), 11.42 (s, 1H), 9.07 (s, 1H), 9.03 (d, J = 1.1 Hz, 1H), 8.38 (s, 1H), 8.04 (s, 1H), 5.07-4.87 (m, 2H), 3.90 (t, J = 6.3 Hz, 1H), 3.37 (s, 3H), 3.25 (s, 3H), 2.23-2.15 (m, 1H), 1.69 (dtd, J = 23.3, 7.1, 3.6 Hz, 1H), 1.25-1.15 (m, 1H), 0.96-0.91 (m, 3H); LCMS (electrospray) m/z 491.1 (M+H) ⁺ .	D
295	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-(2,2-difluoroacetamido)ethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.96 - 12.70 (m, 1H), 11.39 (br s, 1H), 9.07 (s, 1H), 8.99 (br d, J = 1.3 Hz, 1H), 8.38 (s, 1H), 8.09 (s, 1H), 6.49 - 6.10 (m, 1H), 5.56 (br d, J = 7.2 Hz, 1H), 5.10 - 4.83 (m, 1H), 2.28 - 2.13 (m, 1H), 1.71 (br s, 1H), 1.66 (br d, J = 7.2 Hz, 3H), 1.26 - 1.16 (m, 1H); LCMS (electrospray) m/z 510.2 (M+H) ⁺ .	D
296	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methylimidazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.18 (s, 1H), 12.55-12.26 (m, 1H), 11.41 (s, 1H), 9.09 (s, 1H), 9.05 (d, J = 1.3 Hz, 1H), 8.40 (s, 1H), 8.08 (s, 1H), 7.70 (d, J = 3.7 Hz, 1H), 5.10 - 4.84 (m, 1H), 2.49 (s, 3H), 2.27-2.16 (m, 1H), 1.78-1.64 (m, 1H), 1.26-1.16 (m, 1H); LCMS (electrospray) m/z 468.9 (M+H) ⁺ .	D

	<p>methyl-1H-imidazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>		
297	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfonyl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	<p>¹H NMR (400 MHz, DMSO-d₆) δ 13.34-13.85 (0H), 11.42 (s, 1H), 9.09 (s, 1H), 9.03 (d, J = 1.6 Hz, 1H), 8.40 (s, 1H), 8.11 (s, 1H), 5.18 (q, J = 7.3 Hz, 1H), 5.07-4.86 (m, 1H), 3.06 (s, 3H), 2.23-2.16 (m, 1H), 1.99-1.96 (m, 3H), 1.74-1.64 (m, 2H), 1.22-1.15 (m, 1H); LCMS (electrospray) m/z 496.00 (M+H)⁺.</p>	D
298	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfinyl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	<p>¹H NMR (400 MHz, DMSO-d₆) δ 13.57-13.99 (1H), 11.43 (s, 1H), 9.10 (d, J = 11.5 Hz, 1H), 9.02 (d, J = 1.6 Hz, 1H), 8.40 (s, 1H), 8.13 (s, 1H), 5.08-4.87 (m, 1H), 4.65 (q, J = 7.1 Hz, 1H), 2.49 (s, 3H), 2.23-2.16 (m, 1H), 1.84-1.83 (m, 3H), 1.75-1.64 (m, 2H), 1.23-1.16 (m, 1H); LCMS (electrospray) m/z 480.05 (M+H)⁺.</p>	D
299	 <p>(1S,2S)-N-(6-(5-chloro-7-(1-(ethylamino)-1-oxopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	<p>¹H NMR (400 MHz, DMSO-d₆) δ 13.24 (s, 1H), 11.38 (d, J = 24.2 Hz, 1H), 9.07 (s, 1H), 8.99-8.89 (m, 1H), 8.43 (d, J = 24.2 Hz, 1H), 8.04 (dd, J = 6.0, 4.9 Hz, 2H), 5.07-4.86 (m, 1H), 4.25 (q, J = 7.1 Hz, 1H), 3.14-3.08 (m, 2H), 2.33-2.15 (m, 1H), 1.77-1.65 (m, 1H), 1.64-1.49 (m, 3H), 1.35-1.16 (m, 1H), 1.01 (t, J = 7.1 Hz, 3H), 0.86 (q, J = 7.5 Hz, 1H); LCMS (electrospray) m/z 488.1 (M+H)⁺.</p>	D
300	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyano(2,2,2-trifluoroacetamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	<p>¹H NMR (400 MHz, DMSO-d₆) δ 13.72 (s, 1H), 11.43 (d, J = 8.2 Hz, 1H), 10.96 (s, 1H), 9.13-9.05 (m, 2H), 8.40 (d, J = 10.4 Hz, 1H), 8.20 (d, J = 11.5 Hz, 1H), 6.63 (s, 1H), 5.06-4.86 (m, 1H), 2.32-2.15 (m, 1H), 1.73-1.65 (m, 1H), 1.24-1.16 (m, 1H); LCMS (electrospray) m/z 539.1 (M+H)⁺.</p>	D

301	 <p>methyl 2-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)-3-(cyclobutylamino)-3-oxopropanoate</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.54 (s, 1H), 11.38 (s, 1H), 9.02 (dd, J = 19.2, 1.6 Hz, 2H), 8.62 (d, J = 5.5 Hz, 1H), 8.35 (s, 1H), 8.06 (s, 1H), 6.19 (d, J = 7.1 Hz, 1H), 4.93 (ddd, J = 66.0, 9.9, 6.0 Hz, 1H), 3.64 (d, J = 12.1 Hz, 4H), 2.29-1.62 (m, 11H), 1.34-1.13 (m, 1H); LCMS (electrospray) m/z 558.1 (M+H) ⁺ .	D
302	 <p>(1S,2S)-N-((5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)(cyano)methyl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.76 (s, 1H), 11.43 (s, 1H), 9.62-9.58 (m, 1H), 9.10-9.06 (m, 2H), 8.41 (s, 1H), 8.18 (d, J = 13.7 Hz, 1H), 6.62 (t, J = 5.8 Hz, 1H), 5.07-4.77 (m, 2H), 2.23-2.16 (m, 1H), 1.93-1.86 (m, 1H), 1.73-1.55 (m, 2H), 1.27-1.15 (m, 3H); LCMS (electrospray) m/z 529.1 (M+H) ⁺ .	D
303	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyano(cyclopropanecarboxamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.25 (s, 1H), 11.43 (s, 1H), 9.54 (d, J = 4.9 Hz, 1H), 9.10-9.06 (m, 2H), 8.42 (s, 1H), 8.05-8.31 (1H), 6.58 (d, J = 4.9 Hz, 1H), 4.97 (d, J = 69.8 Hz, 1H), 2.20 (d, J = 7.1 Hz, 1H), 1.94 (d, J = 30.8 Hz, 1H), 1.71 (d, J = 5.5 Hz, 1H), 1.34 (s, 7H); LCMS (electrospray) m/z 511.1 (M+H) ⁺ .	D
304	 <p>(1S,2S)-N-(6-(5-chloro-7-(cyano(2,2-difluoroacetamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.72 (s, 1H), 11.43 (s, 1H), 10.37-10.32 (m, 1H), 9.10-9.06 (m, 2H), 8.41 (t, J = 5.5 Hz, 1H), 8.19 (d, J = 1.6 Hz, 1H), 6.65 (d, J = 4.9 Hz, 1H), 6.50-6.23 (m, 1H), 5.07-4.87 (m, 1H), 2.19 (q, J = 7.0 Hz, 1H), 1.72-1.66 (m, 1H), 1.24-1.17 (m, 1H); LCMS (electrospray) m/z 521.1 (M+H) ⁺ .	D

305	 <p>(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((propan-2-yl-1,1,1,3,3,3-d6)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.16 (s, 1H), 11.36 (s, 1H), 9.01 (s, 1H), 8.90 (s, 1H), 8.34 (s, 1H), 7.94 (s, 1H), 5.28-5.18 (m, 1H), 5.06-4.85 (m, 1H), 4.00 (d, J = 9.3 Hz, 1H), 2.21-2.14 (m, 1H), 1.67 (dtd, J = 23.3, 6.8, 3.7 Hz, 1H), 1.23-1.15 (m, 1H); LCMS (electrospray) m/z 452.9 (M+H) ⁺ .	D
306	 <p>(1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.68 (s, 1H), 11.39 (s, 1H), 9.02 (s, 1H), 8.84 (d, J = 1.4 Hz, 1H), 8.36 (s, 1H), 7.97 (s, 1H), 5.05-4.89 (m, 1H), 4.36 (q, J = 7.0 Hz, 2H), 2.29 (s, 3H), 2.20-2.16 (m, 1H), 1.72-1.66 (m, 1H), 1.40 (t, J = 7.1 Hz, 3H), 1.20 (s, 1H); LCMS (electrospray) m/z 445.10 (M+H) ⁺ .	D
307	 <p>(1S,2S)-N-(6-(5-ethoxy-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide</p>	¹ H NMR (400 MHz, DMSO-d ₆) δ 13.48 (s, 1H), 11.40 (s, 1H), 9.13 (d, J = 1.6 Hz, 1H), 9.08 (s, 1H), 8.44 (s, 1H), 8.31 (s, 1H), 5.07-4.86 (m, 1H), 3.96 (q, J = 7.0 Hz, 2H), 2.55 (s, 3H), 2.22-2.15 (m, 1H), 1.72-1.65 (m, 1H), 1.21-1.16 (m, 4H); LCMS (electrospray) m/z 445.10 (M+H) ⁺ .	D

[0326] Evaluation of Compounds

[0327] HPK1 Kinase assay

[0328] HPK1 kinase activity was measured by Promega's ADP-Glo™ kinase assay. In this assay, 5 ng of recombinant human HPK1 (signalchem) is incubated with 5 μL of compounds (0.5% DMSO), 5 μL of MBP (0.5 μg/μl) and 5 μL of ATP (25 μM) in buffer (40mM Tris, 7.5; 20mM MgCl₂; 0.1mg/ml BSA; 50μM DTT.). The assay was started by incubating the reaction mixture in a 96-well plate at 30° C for 40 minutes. After the incubation, 25 uL ADP-Glo reagent was added and the reaction was incubated at room temperature for 40-min to stop the reaction and degrade residual ATP. The ADP product was then converted to ATP by adding 50 uL per well of detection reagent. Luminescence was detected after 30-min room temperature incubation with the Molecular device I3X plate reader. The IC₅₀ values were calculated from a series of percent inhibition values determined at a range of inhibitor concentration using software routines as implemented in the GraphPad Prism 7 software and SigmaPlot13.0.

[0329] Table 2 shows IC₅₀ values of the invented compounds which represent + for >1000nM, ++ for 501-1000 nM, +++ for 101-500 nM, ++++ for <100 nM.

[0330] Table 2. *In vitro* activity against HPK1 data

Example	HPK1 IC ₅₀ (nM)	Example	HPK1 IC ₅₀ (nM)	Example	HPK1 IC ₅₀ (nM)
1	+	45	++++	89	++++
2	++++	46	++++	90	++++
3	+++	47	++++	91	++++
4	++++	48	++++	92	++++
5	++++	49	++++	93	++++
6	++++	50	++++	94	++++
7	++++	51	++++	95	++++
8	+++	52	++++	96	++++
9	++++	53	++++	97	++++
10	++++	54	++++	98	+++
11	+	55	++++	99	+++
12	++++	56	++++	100	++++
13	++++	57	++++	101	++++
14	++++	58	++++	102	++++
15	++++	59	+++	103	+++
16	++++	60	++++	104	+++
17	++++	61	++++	105	++++
18	++++	62	++++	106	++++
19	++++	63	++++	107	++++
20	++++	64	++++	108	++++
21	++++	65	++++	109	++++
22	+++	66	++++	110	++++
23	++++	67	++++	111	+++
24	+	68	++++	112	+++
25	++++	69	++++	113	++++
26	++++	70	++++	114	++++
27	++++	71	++++	115	++++
28	++++	72	+++	116	++++
29	++++	73	++++	117	++++
30	++++	74	+++	118	++++
31	+++	75	++++	119	++++
32	++++	76	++++	120	++++
33	++++	77	++++	121	++++
34	++++	78	++++	122	++++
35	+++	79	++++	123	++++
36	++++	80	++++	124	++++
37	++++	81	++++	125	++++
38	++++	82	++++	126	++++
39	++++	83	++++	127	+++
40	++++	84	++++	128	++++
41	++++	85	++++	129	+++
42	++++	86	++++	130	++++
43	++++	87	++++	131	++++
44	++++	88	++++	132	++++
133	++++	179	++++	225	++++
134	++++	180	++++	226	++++

135	+	181	++++	227	+++
136	++++	182	++++	228	++++
137	+	183	++++	229	++++
138	+++	184	+++	230	++++
139	++++	185	++++	231	++++
140	++++	186	++++	232	++++
141	++++	187	++++	233	++++
142	++++	188	++++	234	++++
143	++++	189	+++	235	++++
144	++++	190	++++	236	++++
145	++++	191	++++	237	++++
146	++++	192	++++	238	+++
147	++++	193	++++	239	+++
148	++++	194	++++	240	+++
149	+++	195	++++	241	++++
150	++++	196	++++	242	++++
151	++++	197	++++	243	++++
152	+++	198	++++	244	++++
153	++++	199	++++	245	++++
154	+++	200	++++	246	++++
155	++++	201	++++	247	++++
156	++++	202	+++	248	++++
157	++++	203	+++	249	+++
158	++++	204	+++	250	++++
159	+++	205	+++	251	++++
160	++++	206	++++	252	++++
161	+++	207	++++	253	++++
162	++++	208	++++	254	++++
163	+++	209	++++	255	++++
164	+++	210	++++	256	++++
165	++++	211	++++	257	++++
166	++++	212	++++	258	++++
167	++++	213	++++	259	+++
168	++++	214	++++	260	++++
169	++++	215	++++	261	++++
170	++++	216	++++	262	++++
171	++++	217	++++	263	++++
172	++++	218	++++	264	++++
173	++++	219	++++	265	++++
174	++++	220	++++	266	++++
175	++++	221	++++	267	+++
176	++++	222	++++	268	++++
177	++++	223	++++	269	++++
178	+++	224	++++	270	+++
271	++++	306	++++		
272	++++	307	++++		
273	++++				

274	++++				
275	+++				
276	+++				
277	+++				
278	+				
279	++++				
280	++++				
281	+				
282	++++				
283	+++				
284	++++				
285	++++				
286	++++				
287	++++				
288	++++				
289	++++				
290	++++				
291	+++				
292	+++				
293	++++				
294	+++				
295	++++				
296	++++				
297	++++				
298	++++				
299	++++				
300	++++				
301	++++				
302	++++				
303	++++				
304	++++				
305	++++				

[0331] IFN γ and IL-2 analysis of human peripheral pan T cells

[0332] Human peripheral blood pan T cells were purchased from STEMCELL™ Technologies Inc. Human peripheral blood pan T cells were thawed and suspended in DMEM media (10% FBS and 1% Penicillin/Streptomycin). 8 X 10⁴ T cells were seeded in 96-well plate and incubated with various concentration of compounds and 100 nM Prostaglandin E2 for 1 hr. T cells were stimulated with Dynabeads Human T-Activator CD3/CD28 (Life Technologies) at a 1:3 cells: beads ratio. Cytokine secretion was measured after 24 hr post stimulation using MSD V-PLEX human cytokine kit as suggested by the manufacturer. Data were analyzed with an MESO Quickplex SQ120 (Mesoscale Discovery).

5 **[0333]** In Table 3, the values represent + for >1000 nM, ++ 200-1,000 nM, +++ for <200 nM and – for not determined.

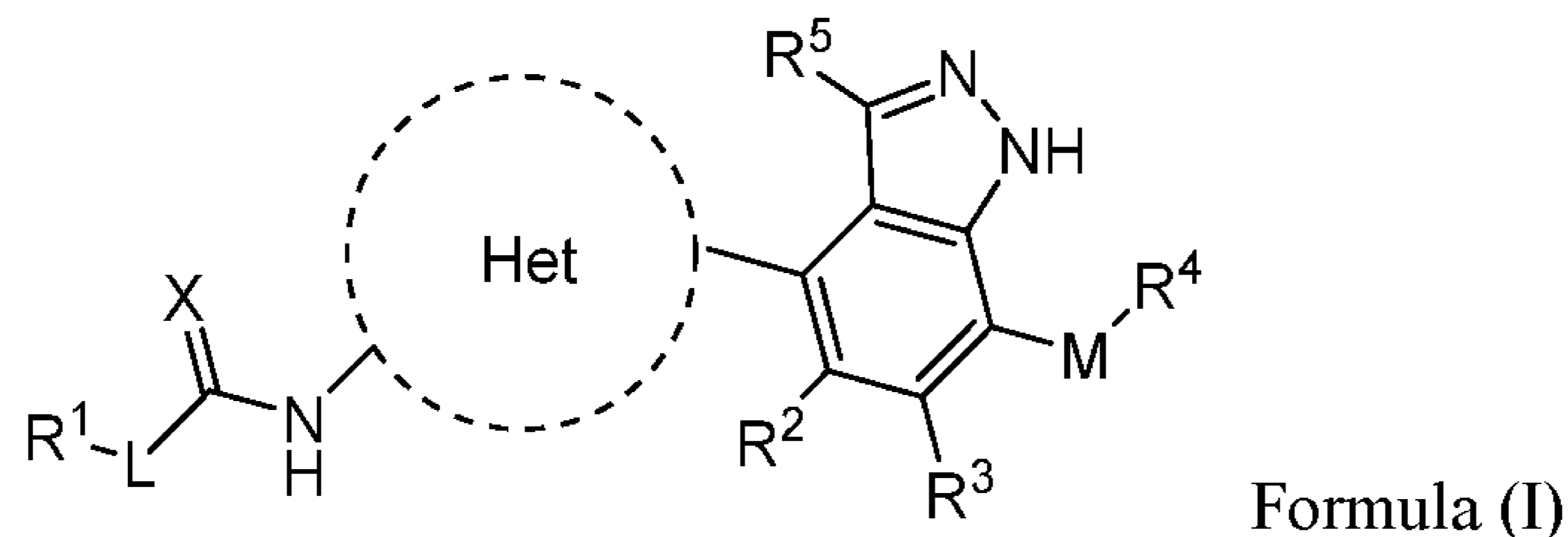
[0334] Table 3. IFN γ and IL-2 secretion of the invented compounds in human peripheral blood pan T cells

Example	IFN γ (EC ₅₀)	IL-2 (EC ₅₀)
4	+++	++

7	++	++
13	++	++
26	+++	++
27	+++	-
33	+++	++
34	+++	++
38	++	++
38	+++	++
40	+++	++
41	+++	++
42	+++	++
44	+++	++
58	+++	++
61	+++	++
62	+++	++
64	+++	+++

WHAT IS CLAIMED IS:

1. A compound of Formula (I):



5 or a pharmaceutically acceptable salt, hydrate, or solvate thereof, wherein:

X is O or S;

L is a bond, -O-, -S-, or -NR⁶-;

R¹ is alkyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl, wherein R¹ is optionally substituted with one or more substituents independently selected from R⁷;

10 R⁶ is -H or C₁₋₆ alkyl;

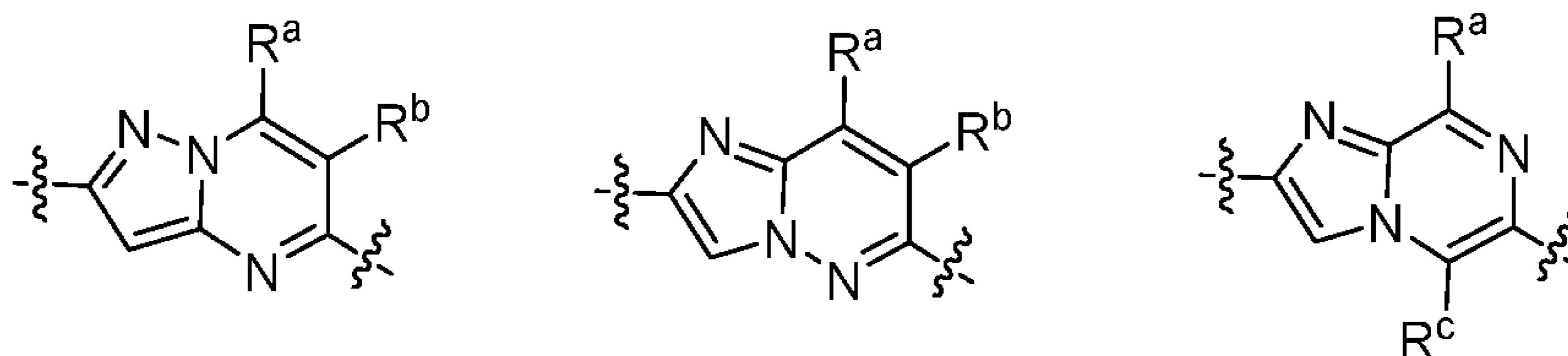
R⁷ is C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, oxo, cyano, hydroxy, -C(O)R⁹, -C(O)OR⁹, -C(O)NR¹⁰R¹¹, -OR⁹, -OC(O)R⁹, -OC(O)NR¹⁰R¹¹, -SR⁹, -S(O)R⁹, -S(O)₂R⁹, -S(O)(=NH)R¹⁰, -S(O)₂NR¹⁰R¹¹, -NR¹⁰R¹¹, -N(R⁶)NR¹⁰R¹¹, -N(R⁶)OR⁹, -N(R⁶)C(O)R⁹, -N(R⁶)C(O)OR⁹, -N(R⁶)C(O)NR¹⁰R¹¹, -N(R⁶)S(O)₂R⁹, -N(R⁶)S(O)₂NR¹⁰R¹¹, or -P(O)R¹²R¹³;

15 R⁹ is -H, C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl;

Each R¹⁰ and R¹¹ is independently -H, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl, or R¹⁰ and R¹¹ are taken together with the nitrogen atom to which they are attached to form a 4- to 12-membered heterocyclyl optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, -CN, -NO₂, -NR¹⁰R¹¹, -NR¹⁰C(=O)R⁹, -NR¹⁰C(=O)NR¹⁰R¹¹, -NR¹⁰C(=O)OR⁹, -OR⁹, -C(=O)R⁹, -C(=O)OR⁹, -C(=O)NR¹⁰R¹¹, -OC(=O)R⁹, -OC(=O)OR⁹, and -OC(=O)NR¹⁰R¹¹;

20 Each R¹² and R¹³ is independently C₁₋₆ alkyl, C₁₋₆ alkoxy, C₃₋₈ cycloalkyl, aryl, heteroaryl, heterocyclyl, or R¹² and R¹³ are taken together with the phosphorus atom to which they are attached to form a 4- to 8-membered heterocyclyl optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, -CN, -NO₂, -NR¹⁰R¹¹, -NR¹⁰C(=O)R⁹, -NR¹⁰C(=O)NR¹⁰R¹¹, -NR¹⁰C(=O)OR⁹, -OR⁹, -C(=O)R⁹, -C(=O)OR⁹, -C(=O)NR¹⁰R¹¹, -OC(=O)R⁹, -OC(=O)OR⁹, and -OC(=O)NR¹⁰R¹¹;

25 Het is selected from the group consisting of:



30 Each of R^a, R^b and R^c is independently -H, -D, halo, -CF₃, -CF₂H, -CH₂F, -CN, -OR⁹ or -NR¹⁰R¹¹;

R² is -H, -D, -CD₃, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, hydroxyl, -CD₂OH, -CN, -NO₂, haloalkyl, trimethylsilylethoxymethyl, -C(O)R⁹, -C(O)OR⁹, -C(O)NR¹⁰R¹¹, -OR⁹, -OC(O)R⁹, -OC(O)NR¹⁰R¹¹, -SR⁹, -S(O)R⁹, -S(O)₂R⁹, -S(O)(=NH)R¹⁰, -S(O)₂NR¹⁰R¹¹, -NR¹⁰R¹¹, -N(R⁶)NR¹⁰R¹¹, -N(R⁶)OR⁹, -N(R⁶)C(O)R⁹, -N(R⁶)C(O)OR⁹, -N(R⁶)C(O)NR¹⁰R¹¹, -N(R⁶)S(O)₂R⁹, -N(R⁶)S(O)₂NR¹⁰R¹¹, or -P(O)R¹²R¹³, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, -CN, -NO₂, -NR¹⁰R¹¹, -NR¹⁰C(=O)R⁹, -NR¹⁰C(=O)NR¹⁰R¹¹, -NR¹⁰C(=O)OR⁹, -OR⁹, -C(=O)R⁹, -C(=O)OR⁹, -C(=O)NR¹⁰R¹¹, -OC(=O)R⁹, -OC(=O)OR⁹, and -OC(=O)NR¹⁰R¹¹;

40 R³ is -H, -D, -CD₃, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo,

cyano, hydroxy, $-\text{CH}_2\text{OH}$, $-\text{CD}_2\text{OH}$, $-\text{OH}$, $-\text{CN}$, $-\text{NO}_2$, haloalkyl, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{OR}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{OR}^9$, $-\text{OC}(\text{O})\text{R}^9$, $-\text{OC}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{SR}^9$, $-\text{S}(\text{O})\text{R}^9$, $-\text{S}(\text{O})_2\text{R}^9$, $-\text{S}(\text{O})(=\text{NH})\text{R}^{10}$, $-\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{OR}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{R}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{OR}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{S}(\text{O})_2\text{R}^9$, $-\text{N}(\text{R}^6)\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, or $-\text{P}(\text{O})\text{R}^{12}\text{R}^{13}$;

5 M is a bond, $-\text{O}-$, $-\text{S}-$, or $-\text{NR}^6-$;

R^6 is $-\text{H}$ or C_{1-6} alkyl;

R^4 is $-\text{H}$, $-\text{D}$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, cyano, hydroxy, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{OR}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{S}(\text{O})_2\text{R}^9$, $-\text{S}(\text{O})(=\text{NH})\text{R}^{10}$, $-\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, or $-\text{P}(\text{O})\text{R}^{12}\text{R}^{13}$, wherein C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group consisting of halo, hydroxyl, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, $-\text{CN}$, $-\text{CD}_3$, $-\text{NO}_2$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{C}(\text{O})\text{R}^9$, $-\text{NR}^{10}\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{C}(\text{O})\text{OR}^9$, $-\text{NR}^{10}\text{S}(\text{O})_2\text{R}^9$, $-\text{OR}^9$, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{OR}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{OC}(\text{O})\text{R}^9$, $-\text{OC}(\text{O})\text{OR}^9$, and $-\text{OC}(\text{O})\text{NR}^{10}\text{R}^{11}$; and

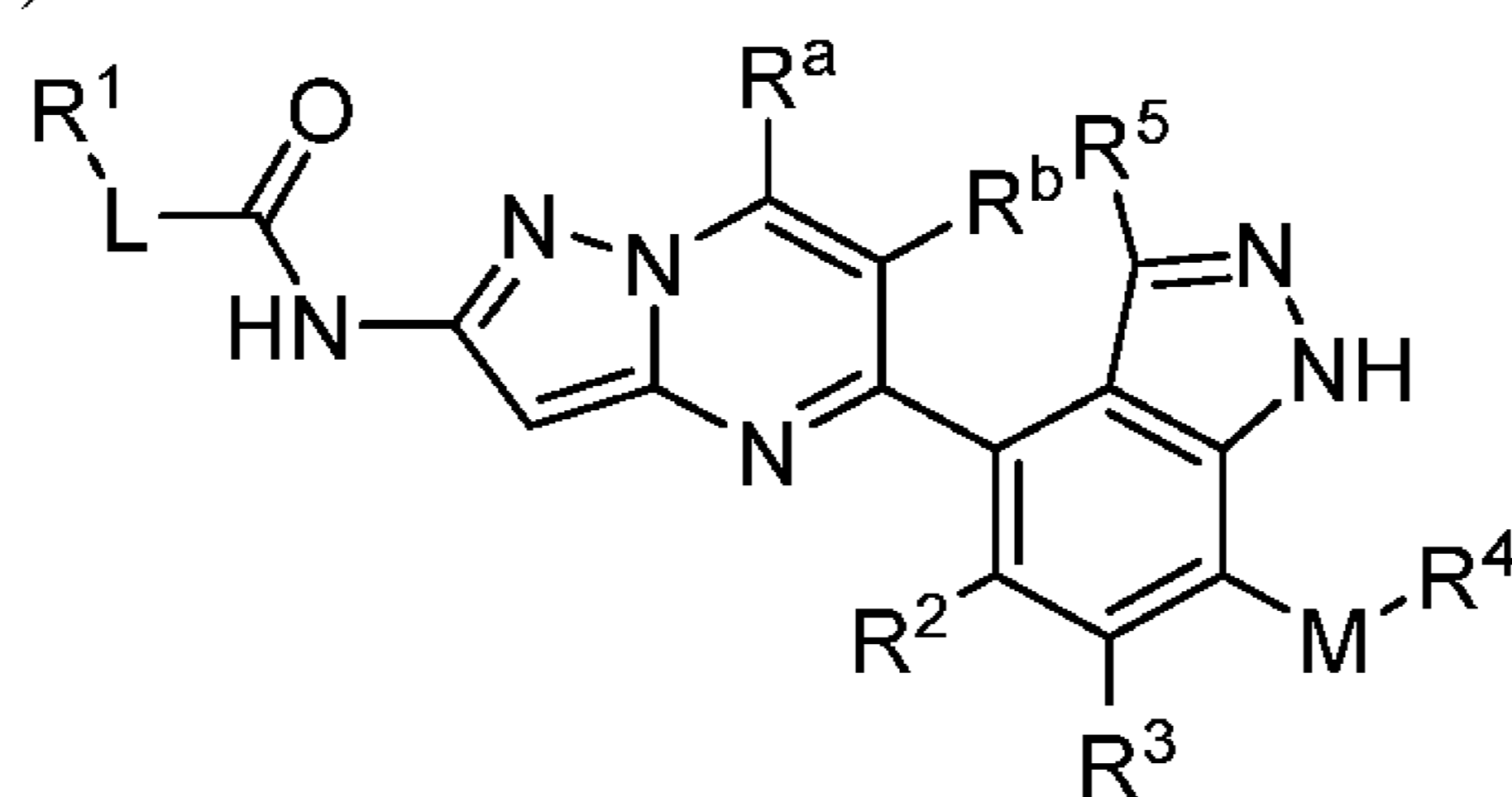
10 R^5 is $-\text{H}$, $-\text{D}$, $-\text{CD}_3$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, halo, hydroxyl, $-\text{CH}_2\text{OH}$, $-\text{CD}_2\text{OH}$, $-\text{CN}$ or haloalkyl.

2. The compound of Claim 1 or a pharmaceutically acceptable salt thereof, wherein L is a bond, and R^1 is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, halo, cyano, hydroxy, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{OR}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{OR}^9$, $-\text{OC}(\text{O})\text{R}^9$, $-\text{OC}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{NR}^{10}\text{R}^{11}$, $-\text{N}(\text{R}^6)\text{OR}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{R}^9$, $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{OR}^9$, and $-\text{N}(\text{R}^6)\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$.

3. The compound of Claim 1 or 2 or a pharmaceutically acceptable salt thereof, wherein each of R^2 and R^3 is independently $-\text{H}$, halo, alkylthio, haloalkyl, or alkyl.

4. The compound of any one of Claims 1-3 or a pharmaceutically acceptable salt thereof, wherein M is a bond, $-\text{O}-$, or $-\text{NR}^6-$; and R^4 is $-\text{H}$, $-\text{D}$, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, heterocyclyl, halo, cyano, hydroxy, $-\text{C}(\text{O})\text{R}^9$, $-\text{C}(\text{O})\text{NR}^{10}\text{R}^{11}$, $-\text{S}(\text{O})_2\text{R}^9$, $-\text{S}(\text{O})(=\text{NH})\text{R}^{10}$, or $-\text{S}(\text{O})_2\text{NR}^{10}\text{R}^{11}$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, cycloalkyl, aryl, heteroaryl, or heterocyclyl is optionally substituted with one or more groups selected from the group consisting of halo, hydroxy, alkyl, alkenyl, alkynyl, haloalkyl, hydroxyalkyl, $-\text{CN}$, $-\text{CD}_3$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{NR}^{10}\text{S}(\text{O})_2\text{R}^9$, and $-\text{NR}^{10}\text{C}(\text{O})\text{R}^9$.

5. The compound of any one of Claims 1-4 or a pharmaceutically acceptable salt thereof, which is a compound of Formula (II):



Formula (II).

6. The compound of Claim 5 or a pharmaceutically acceptable salt thereof, wherein L is a bond, R^1 is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C_{1-3} alkyl, C_{1-3} hydroxyalkyl and C_{1-3} haloalkyl; R^2 is $-\text{H}$, alkyl, halo, haloalkyl, or alkylthio; R^3 is $-\text{H}$, alkyl, or halo; M is a bond, $-\text{O}-$, $-\text{S}-$ or $-\text{NR}^6-$; R^4 is $-\text{H}$, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl, formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazolylethyl, dioxanyl, cyclobutanylcarbonylaminoethyl, difluoroacetamidoethyl,

trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d6)amino, tetrahydrofuranyl, methylimidazoleethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo.

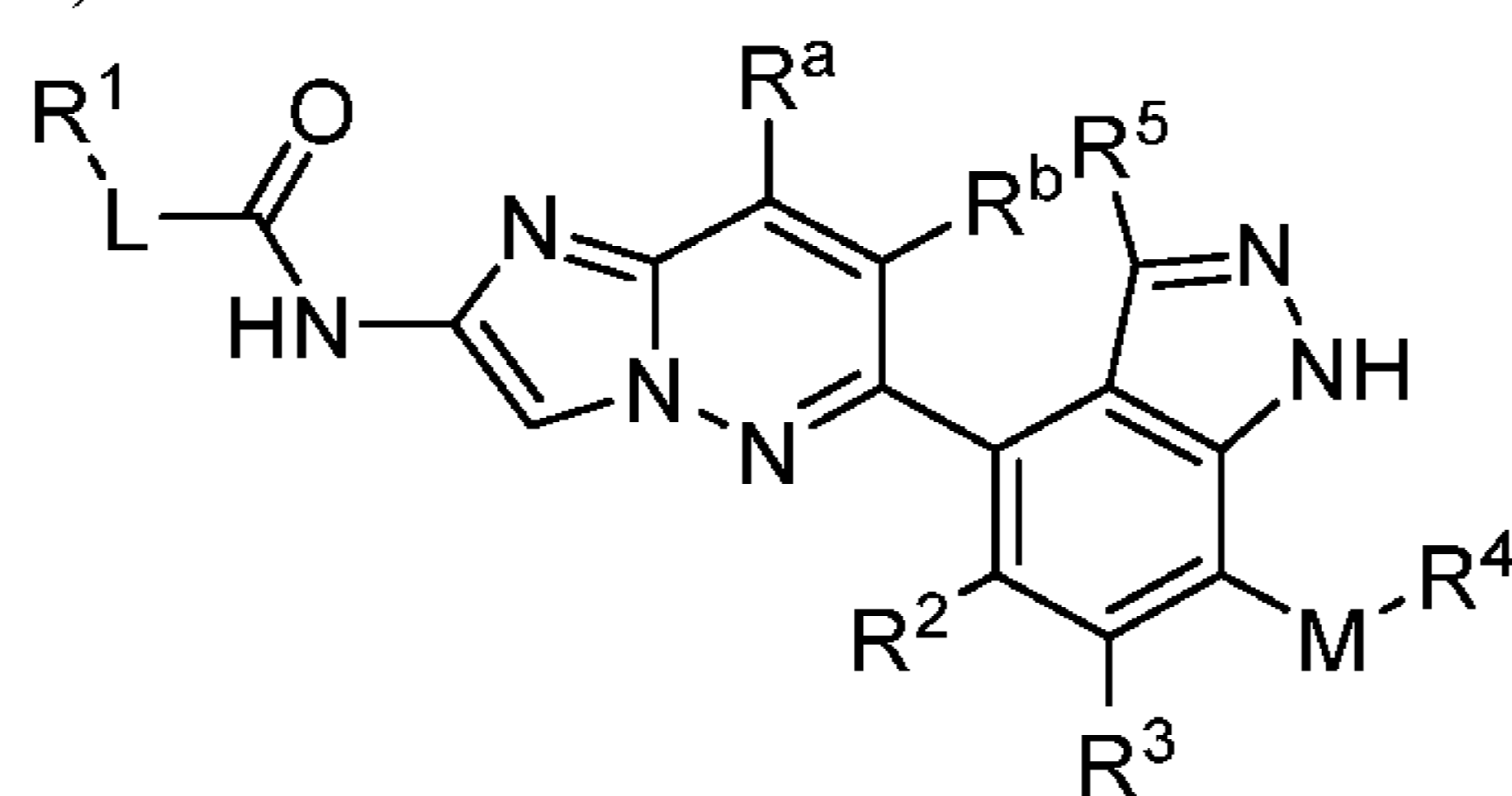
5

7. The compound of Claim 5 or 6 or a pharmaceutically acceptable salt thereof, which is (1S,2S)-2-fluoro-N-(5-(5-methyl-1H-indazol-4-yl)pyrazolo[1,5-a]pyrimidin-2-yl)cyclopropane-1-carboxamide; or

10

(1S,2S)-N-(5-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)pyrazolo[1,5-a]pyrimidin-2-yl)-2-fluorocyclopropane-1-carboxamide.

8. The compound of any one of Claims 1-4 or a pharmaceutically acceptable salt thereof, which is a compound of Formula (III):



Formula (III).

15

9. The compound of Claim 8 or a pharmaceutically acceptable salt thereof, wherein L is a bond, and R¹ is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, halo, cyano, hydroxy, -C(O)R⁹, -C(O)OR⁹, -C(O)NR¹⁰R¹¹, -OR⁹, -OC(O)R⁹, -OC(O)NR¹⁰R¹¹, -NR¹⁰R¹¹, -N(R⁶)NR¹⁰R¹¹, -N(R⁶)OR⁹, -N(R⁶)C(O)R⁹, -N(R⁶)C(O)OR⁹, and -N(R⁶)C(O)NR¹⁰R¹¹.

20

10. The compound of Claim 8 or 9 or a pharmaceutically acceptable salt thereof, wherein R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl, and C₁₋₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl, formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazoleethyl, dioxanyl, cyclobutanylcarbonylaminoethyl, difluoroacetamidoethyl, trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d6)amino, tetrahydrofuranyl, methylimidazoleethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo.

30

11. The compound of any one of Claims 8-10 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:

35

(1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide;

40

(1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

(1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide;

(1S,2S)-N-(6-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

45

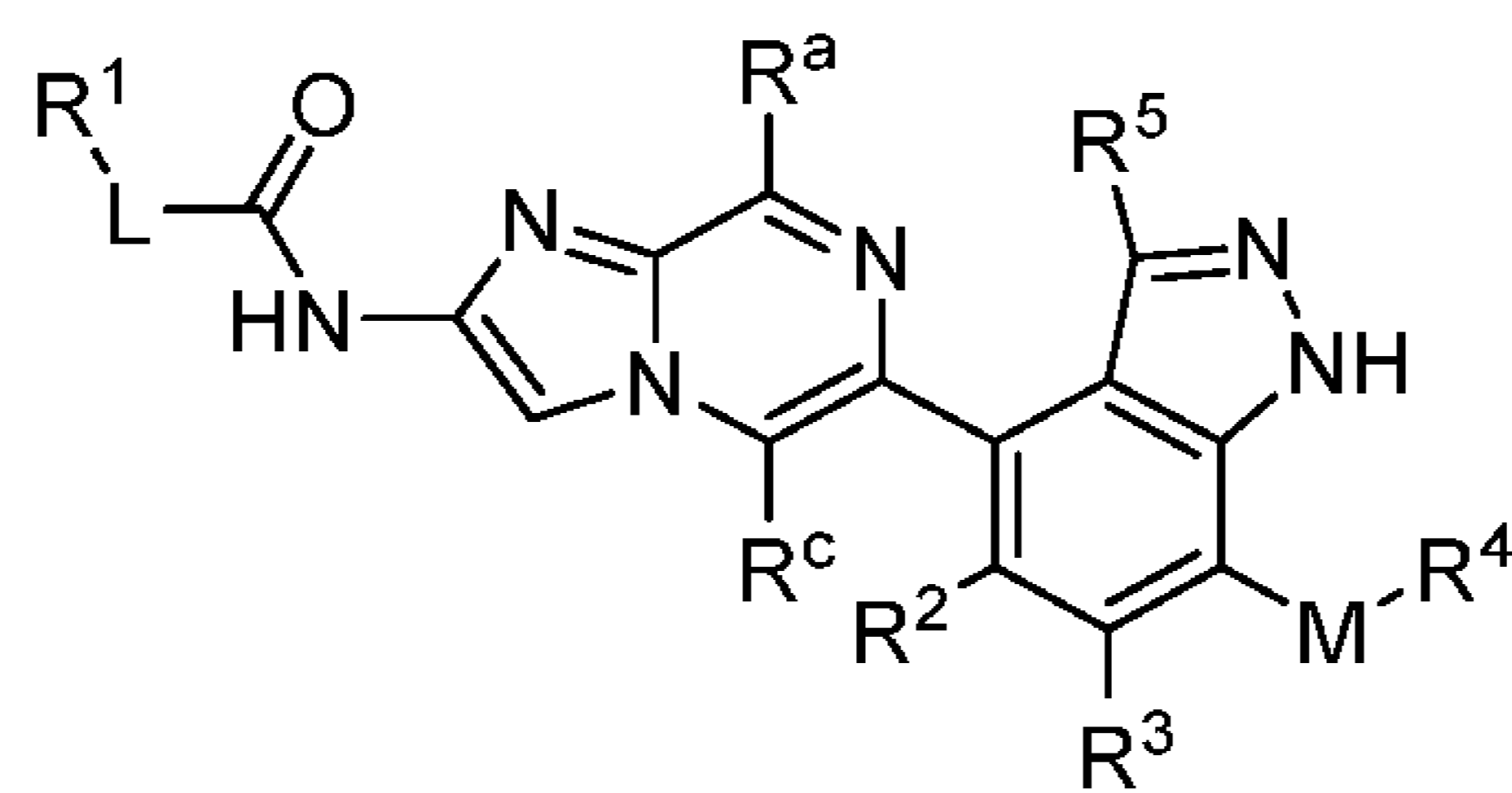
(1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(6,7-difluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)cyclopropane-1-carboxamide;
- 5 (1S,2S)-N-(6-(5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-amino-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-ethoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(6,7-difluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide; and
- 30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide.

12. The compound of Claim 8 or 10 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:

- (1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide; and
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-b]pyridazin-2-yl)-2-fluorocyclopropane-1-carboxamide.

13. The compound of any one of Claims 1-4 or a pharmaceutically acceptable salt thereof, which is a compound of Formula (IV):



Formula (IV).

14. The compound of Claim 13 or a pharmaceutically acceptable salt thereof, wherein L is a bond, and R¹ is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, cycloalkyl, halo, cyano, hydroxy, -C(O)R⁹, -C(O)OR⁹, -C(O)NR¹⁰R¹¹, -OR⁹, -OC(O)R⁹, -OC(O)NR¹⁰R¹¹, -NR¹⁰R¹¹, -N(R⁶)NR¹⁰R¹¹, -N(R⁶)OR⁹, -N(R⁶)C(O)R⁹, -N(R⁶)C(O)OR⁹, and -N(R⁶)C(O)NR¹⁰R¹¹.
15. The compound of Claim 13 or 14 or a pharmaceutically acceptable salt thereof, wherein L is a bond; R¹ is cycloalkyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁₋₃ alkyl, C₁₋₃ hydroxyalkyl and C₁₋₃ haloalkyl.
16. The compound of any one of Claims 13-15 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:
- (1S,2S)-2-fluoro-N-(6-(5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5,7-bis(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-ethoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(6,7-difluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(6,7-difluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-

- yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
5 (1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
10 (1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
15 (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-bromo-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
20 (1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6,7-difluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-bromo-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
25 (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(pyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(piperidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-hydroxypropyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(azetidin-1-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
35 (1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-thiomorpholino-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropyl(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
50 (1S,2S)-N-(6-(5-chloro-7-((1-cyanoethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(7-amino-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((cyanomethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2S)-N-(6-(7-((2H-tetrazol-2-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-hydroxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-vinyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(7-acetyl-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-cyclopropyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-7-(2-ethoxypropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(tert-butylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-7-(cyclopropylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-fluoropyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrrol-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 35 (1R,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1R,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-propyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methyl-1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 1-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)-N,N-dimethyl-1H-pyrrole-3-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isobutylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-

- fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(propylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-prop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 5 (1S,2S)-N-(6-(5-chloro-7-(ethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (3R,4S)-4-methyltetrahydrofuran-3-yl (6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)carbamate;
 10 (1S,2S)-N-(6-(5-chloro-7-(2-(dimethylamino)-2-oxoethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-((2-(dimethylamino)-2-oxoethyl)thio)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoroethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3,3,3-trifluoroprop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylamino)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-((dimethylamino)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 25 (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrrol-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1H-pyrrol-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 35 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-hydroxy-2-methylpropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-pivaloyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 40 (1S,2S)-N-(6-(5-chloro-7-cyclopropoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 4-methyltetrahydrofuran-3-yl (6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)carbamate;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-hydroxyethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 45 (1S,2S)-N-(6-(5-chloro-7-(cyclobutylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-(cyclopentylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methoxyethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-hydroxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-methoxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2R,3S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide;
- (1S,2S,3S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-fluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-10 fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(cyclopent-1-en-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((1H-imidazol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(morpholinoamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropoxy-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(2-amino-2-oxoethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-20 fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methylprop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((2,2-difluoroethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(7-(2-bromo-2-fluorocyclopropyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(allylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-cyclopentyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-30 fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methylpiperazin-1-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-fluoroethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1S,2S)-N-(6-(5-chloro-7-((1,3-dihydroxy-2-methylpropan-2-yl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-methyl-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]40 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-hydroxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 45 (1S,2R,3S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide;
- (1S,2S,3S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-methyl-3-(1-methyl-1H-pyrazol-4-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((1H-pyrrol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-50 yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((1H-pyrazol-1-yl)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2,2,2-trifluoro-1-hydroxyethyl)-1H-indazol-4-yl)imidazo[1,2-

- a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(pyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
5 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-oxocyclopent-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxyethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(N-methylacetamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(hydroxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
15 (1S,2S)-N-(6-(7-((1H-pyrazol-5-yl)amino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1R,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
20 (1S,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1R,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
25 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1-((2-(trimethylsilyl)ethoxy)methyl)-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1-methyl-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isobutyryl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxy-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1S,3R)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
35 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methyl-1H-imidazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
40 (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoropropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isobutyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxy-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoro-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methoxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-fluorocyclobutyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methoxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((E)-but-2-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2S)-N-(6-(7-(but-3-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(sec-butylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methyl-1H-pyrrol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methyl-1H-imidazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methyl-1H-pyrazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-3-hydroxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-hydroxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((tetrahydrofuran-3-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methoxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1S,3S)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(5-chloro-7-(1-(dimethylamino)-1-oxopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((R)-1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((S)-1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-N-(6-(5-chloro-7-(1-cyanoethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((R)-1-(1H-tetrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1S,2S)-N-(6-(7-((S)-1-(1H-tetrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(1-amino-1-oxopropan-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-fluoropropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(furan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isoxazol-4-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1R,3S)-3-hydroxycyclopentyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxycyclopent-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-methyl-1H-pyrazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2,2,2-trifluoro-1-methoxyethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(tetrahydrofuran-3-yl)amino)-1H-indazol-4-yl)imidazo[1,2-

- a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(7-(1-(2H-1,2,3-triazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(7-(1-(1H-1,2,4-triazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 5 (1S,2S)-N-(6-(5-chloro-7-((3S,4S)-3,4-dihydroxypyrrolidin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-3-methoxypyrrolidin-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-((1-cyclopropylethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 15 (1S,2S)-N-(6-(5-chloro-7-((3,3-difluorocyclobutyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1R,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxyprop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(7-(1-acetamidoethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-(2-cyanopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 25 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(5-methylfuran-2-yl)-2H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
 30 (1S,2S)-N-(6-(7-((E)-buta-1,3-dien-1-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 35 (1S,2S)-N-(6-(5-chloro-7-((cyclopropylmethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-7-(1-ethoxy-2,2,2-trifluoroethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,2,2,2-tetrafluoroethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 45 (1S,2S)-N-(6-(5-chloro-7-((3S,4S)-3,4-dimethoxypyrrolidin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(furan-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(propa-1,2-dien-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2R)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1R,2R)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(hydroxy(tetrahydro-2H-pyran-3-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(5,6-dihydro-1,4-dioxin-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(1-(1H-pyrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((1R,3S)-3-hydroxycyclopentyl)(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(prop-1-en-2-yl)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(5-methylfuran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxyprop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-2-yn-1-ylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydrofuran-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((1,1-difluoropropan-2-yl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(4-hydroxytetrahydrofuran-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(3,3-dimethylazetididin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((3-chloro-2,2-dimethylpropyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(4-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(5-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(3-methyl-1H-pyrazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(3,3-difluoroazetididin-1-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(cyanomethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methoxyprop-1-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(2,5-dihydrofuran-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-propionamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1R,2S)-N-(6-(5-chloro-6-fluoro-7-(3-hydroxypropanamido)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-formamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 50 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-4-hydroxybut-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- 2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-
2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-(trimethylsilyl)prop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-
5 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide. 1 formic acid;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxy-3-(trimethylsilyl)prop-2-yn-1-yl)-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((3-hydroxybutan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
10 (1S,2S)-N-(6-(5-chloro-7-(5,5-dimethyltetrahydrofuran-3-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(1-(1H-imidazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-
2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(2-methyl-1H-imidazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-
15 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((E)-3-(triethylsilyl)prop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-((1,1-difluoropropan-2-yl)(methyl)amino)-6-fluoro-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
20 (1S,2S)-N-(6-(7-(sec-butyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,4-dioxan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydro-2H-pyran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-
25 yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(4-methyl-1H-imidazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyanofluoromethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
30 (1S,2S)-N-(6-(7-(acetamido(cyano)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-
yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(6,6-difluoro-2-azaspiro[3.3]heptan-2-yl)-6-fluoro-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfonamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-
35 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoroprop-1-en-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-
2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-((1S,2R)-1,2-dihydroxypropyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-2-yn-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbutan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-
45 2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(acetamidomethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-formyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
50 ethyl 5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-
1H-indazole-7-carboxylate;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((2R,3R)-3-methoxybutan-2-yl)(methyl)amino)-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(((2R,3S)-3-methoxybutan-2-yl)(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(1-((1-cyanocyclopropyl)amino)ethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 2-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)ethyl acetate;
- (9H-fluoren-9-yl)methyl(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)carbamate;
- (1S,2S)-N-(6-(5-chloro-7-(difluoromethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(5-chloro-7-(cyano(hydroxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- N-(1-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)ethyl)cyclobutanecarboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-fluorocyclopropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydrofuran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(2,2,2-trifluoroacetamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylthio)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylthio)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylsulfinyl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylsulfonyl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-N-(6-(5-chloro-7-(1,3-dimethylureido)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((1S,2R)-1,2-dimethoxypropyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1S,2S)-N-(6-(5-chloro-7-(1-(2,2-difluoroacetamido)ethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methyl-1H-imidazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfonyl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfinyl)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(1-(ethylamino)-1-oxopropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-chloro-7-(cyano(2,2,2-trifluoroacetamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- methyl 2-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)-3-(cyclobutylamino)-3-oxopropanoate;
- (1S,2S)-N-((5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-yl)-1H-indazol-7-yl)(cyano)methyl)-2-fluorocyclopropane-1-carboxamide;
- 50 (1S,2S)-N-(6-(5-chloro-7-(cyano(cyclopropanecarboxamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(cyano(2,2-difluoroacetamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-

- a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((propan-2-yl-1,1,1,3,3,3-d6)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(7-ethoxy-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide; and
 (1S,2S)-N-(6-(5-ethoxy-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide.
17. The compound of Claim 13 or a pharmaceutically acceptable salt thereof, wherein L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl and C₁-C₃ haloalkyl; R² is -H, alkyl, haloalkyl, or halo; R³ is -H, alkyl, or halo; M is a bond, -O-, or -NR⁶-; R⁴ is -H, halo, alkyl, monoalkylamino, or dialkylamino; and R⁵ is -H, alkyl, or halo.
18. The compound of Claim 13 or 17 or a pharmaceutically acceptable salt thereof, wherein L is a bond; R^a is -H; R^b is -H; R¹ is cyclopropyl substituted with chloro, fluoro, C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl or C₁-C₃ haloalkyl; R² is -H, alkyl, chloro, or fluoro; R³ is -H, alkyl, chloro, or fluoro; M is a bond, or -NH-; R⁴ is -H, chloro, fluoro, methyl, ethyl, propyl, isopropyl, butyl, methylamino, or dimethylamino; and R⁵ is -H or alkyl.
19. The compound of any one of Claims 13, 17, or 18 or a pharmaceutically acceptable salt thereof, wherein L is a bond; R^a is -H; R^b is -H; R¹ is cyclopropyl substituted with chloro or fluoro; R² is -H, chloro, or fluoro; R³ is -H, chloro, or fluoro; M is a bond, or -NH-; R⁴ is -H, chloro, fluoro, methyl, ethyl, propyl, or isopropyl; and R⁵ is -H.
20. The compound of any one of Claim 13, 17, 18, or 19 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1R,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1R,2R)-N-(6-(5-chloro-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1R,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
 (1S,2R)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide; and
 (1R,2S)-N-(6-(5-chloro-6-fluoro-7-isopropyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide.
21. The compound of Claim 13 or a pharmaceutically acceptable salt thereof, wherein L is a bond; R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl and C₁-C₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, monoalkylamino, or dialkylamino; and R⁵ is -H, alkyl, or halo.

22. The compound of Claim 13 or 21 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:
- 5 (1S,2S)-N-(6-(5-chloro-7-(dimethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(7-(dimethylamino)-6-fluoro-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-
- 15 a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-methyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 20 (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide; and
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide.
- 25 23. The compound of Claim 13 or a pharmaceutically acceptable salt thereof, wherein R¹ is cyclopropyl which is optionally substituted with one or more groups selected from the group consisting of halo, C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl and C₁-C₃ haloalkyl; R² is -H, alkyl, halo, haloalkyl, or alkylthio; R³ is -H, alkyl, or halo; M is a bond, -O-, -S- or -NR⁶-; R⁴ is -H, halo, alkyl, hydroxyalkyl, haloalkyl, haloalkenyl, cycloalkyl, cyanoalkyl, aminocarbonylalkyl, acetamidoethyl, propionamidoethyl,
- 30 formamidoethyl, cycloalkylalkyl, cycloalkyl(hydroxy)alkyl, hydroxycycloalkyl, methoxycycloalkyl, cycloalkyl(methoxy)methyl, alkoxyalkyl, alkenyl, methylsulfonamidoethyl, imidazolylethyl, dioxanyl, cyclobutanylcarbonylaminoethyl, difluoroacetamidoethyl, trifluoroacetamidoethyl, methylthiomethyl, methylthioethyl, cyclopropylcarbonylamino(cyano)methyl, cyano(difluoroacetamido)methyl, propanyl-1,1,1,3,3,3-d₆amino, tetrahydrofuranyl,
- 35 methylimidazolylethyl, furanyl, pyrrolyl, methylpyrrolyl, isoxazolyl, tetrazolylalkyl, methylpyrazolyl, or methylpyrazolylmethyl; and R⁵ is -H, alkyl, or halo.
24. The compound of Claim 13 or 23 or a pharmaceutically acceptable salt thereof, which is selected from the group consisting of:
- 40 (1S,2S)-N-(6-(7-(dimethylamino)-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5,7-bis(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-ethoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
- 45 fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-7-(ethyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2S)-N-(6-(7-ethoxy-5-ethyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(ethyl(methyl)amino)-6-fluoro-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isopropyl(methyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((cyanomethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-cyclopropyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-7-(cyclopropylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrrol-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(7-(1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-methyl-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-propyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methyl-1H-pyrrol-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(propylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-7-(ethylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3,3,3-trifluoroprop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-ethyl-6-fluoro-7-(isopropylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-methyl-1H-pyrazol-5-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-

- 2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-cyclopropoxy-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyclobutylamino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
5 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-methoxyethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((1-hydroxypropan-2-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-isopropoxy-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methylprop-1-en-1-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
15 (1S,2S)-N-(6-(5-chloro-7-((2,2-difluoroethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(allylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
20 (1S,2S)-N-(6-(5-chloro-7-cyclopentyl-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((2-fluoroethyl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
25 (1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(hydroxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(methyl(1-methyl-1H-pyrazol-5-yl)amino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-hydroxy-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-isopropyl-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoropropan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
35 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-isobutyl-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-fluoro-2-methylpropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
40 (1S,2S)-N-(6-(5-chloro-7-(cyclopropyl(methoxy)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-((E)-but-2-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(but-3-en-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
45 (1S,2S)-N-(6-(7-(sec-butylamino)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((4-methyl-1H-pyrazol-1-yl)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;

- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-hydroxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-methoxycyclopentyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 5 (1S,2S)-N-(6-(7-((R)-1-(2H-tetrazol-2-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-(1-cyanoethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-((S)-1-(1H-tetrazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 10 (1S,2S)-N-(6-(7-(1-amino-1-oxopropan-2-yl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(isoxazol-4-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 15 (1R,2S)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(7-(1-acetamidoethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-5-(methylthio)-7-(prop-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1,1,1-trifluoropropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 25 (1S,2S)-N-(6-(5-chloro-7-((cyclopropylmethyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((R)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-((S)-1-methoxypropan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1,2,2,2-tetrafluoroethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(furan-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 35 (1R,2R)-N-(6-(5-chloro-7-(cyclopropyl(methyl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(methylthio)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- (1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(prop-1-en-2-yl)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)cyclopropane-1-carboxamide;
- 40 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(prop-2-yn-1-ylamino)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-7-((1,1-difluoropropan-2-yl)amino)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- 45 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-propionamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-formamidoethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
- (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-1-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-

- 2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-
2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(1-(1H-imidazol-1-yl)ethyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-
5 2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(sec-butyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,4-dioxan-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
10 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(4-methyl-1H-imidazol-1-yl)ethyl)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(7-(acetamido(cyano)methyl)-5-chloro-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-
yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylsulfonamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-
15 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1,1-difluoroprop-1-en-2-yl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-
2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbutan-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
20 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(3-methylbut-2-en-2-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-
2-fluorocyclopropane-1-carboxamide;
N-(1-(5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-a]pyrazin-6-
yl)-1H-indazol-7-yl)ethyl)cyclobutanecarboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(2-fluorocyclopropyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
25 fluorocyclopropane-1-carboxamide;
(1S,2S)-2-fluoro-N-(6-(6-fluoro-7-(isopropylamino)-5-(trifluoromethyl)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)cyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(tetrahydrofuran-3-yl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-
2-fluorocyclopropane-1-carboxamide;
30 (1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(2,2,2-trifluoroacetamido)ethyl)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((methylthio)methyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-(1-(methylthio)ethyl)-1H-indazol-4-yl)imidazo[1,2-a]pyrazin-2-yl)-2-
35 fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(1-(2,2-difluoroacetamido)ethyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyano(2,2,2-trifluoroacetamido)methyl)-6-fluoro-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
40 (1S,2S)-N-((5-chloro-6-fluoro-4-(2-((1S,2S)-2-fluorocyclopropane-1-carboxamido)imidazo[1,2-
a]pyrazin-6-yl)-1H-indazol-7-yl)(cyano)methyl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyano(cyclopropanecarboxamido)methyl)-6-fluoro-1H-indazol-4-
yl)imidazo[1,2-a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide;
(1S,2S)-N-(6-(5-chloro-7-(cyano(2,2-difluoroacetamido)methyl)-6-fluoro-1H-indazol-4-yl)imidazo[1,2-
45 a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide; and
(1S,2S)-N-(6-(5-chloro-6-fluoro-7-((propan-2-yl-1,1,1,3,3,3-d6)amino)-1H-indazol-4-yl)imidazo[1,2-
a]pyrazin-2-yl)-2-fluorocyclopropane-1-carboxamide.

25. A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and the compound of any one of Claims 1-24 or a pharmaceutically acceptable salt thereof.
- 5 26. A method of treating a subject with a disease or disorder associated with modulation of HPK1 comprising:
administering to the subject in need thereof a therapeutically effective amount of the compound of any one of Claims 1-24 or a pharmaceutically acceptable salt thereof.
- 10 27. The method of Claim 26, wherein the disease is cancer, wherein the compound of Claim 1 is administered with anti-PD-1 agent, anti-PD-L1 agent, or anti-CTLA4 agent.
28. The method of Claim 26, or 27, wherein the disease is cancer, metastasis, inflammation or auto-immune disease.
- 15 29. The method of Claim 28, wherein the cancer is selected from the group consisting of carcinomas, melanomas, blastomas, sarcomas, lymphomas and leukemias, including without limitation, bladder carcinoma, brain tumors, breast cancer, cervical cancer, colorectal cancer, esophageal cancer, endometrial cancer, hepatocellular carcinoma, laryngeal cancer, lung cancer, osteosarcoma, ovarian cancer, pancreatic cancer, prostate cancer, renal carcinoma and thyroid cancer, acute lymphocytic
20 leukemia, acute myeloid leukemia, ependymoma, Ewing's sarcoma, glioblastoma, medulloblastoma, neuroblastoma, osteosarcoma, rhabdomyosarcoma, rhabdoid cancer, and nephroblastoma (Wilm's tumor).