

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/106334 A3

(51) International Patent Classification⁷: **C07D 471/04** //
(C07D 471/04, 221:00, 221:00)

(21) International Application Number:
PCT/IB2004/001715

(22) International Filing Date: 17 May 2004 (17.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/473,731 28 May 2003 (28.05.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
20 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF 1,5-NAPHTHYRIDINE-3-CARBOXY AMIDES BY DIRECT ESTER AMIDATION

(57) Abstract: A new route for the preparation of substituted 1,5-naphthyridine-3-carboxyamides, useful in the diagnosis and treatment of anxiety, Downs Syndrome, sleep, cognitive and seizure disorders, and overdose with benzodiazepine drugs and for enhancement of alertness, is provided. These compounds may be readily prepared by heating the corresponding 1,5-naphthyridine-3-carboxylic acid ester with a primary amine in a polar solvent such as dimethylformamide or dimethylsulfoxide.



WO 2004/106334 A3

INTERNATIONAL SEARCH REPORT

International Application No

IB2004/001715

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D471/04
 //(C07D471/04,221:00,221:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 584 611 A (BASF AG) 2 March 1994 (1994-03-02) page 4, line 46 - page 5, line 43; compound I	1-12
X	US 6 143 760 A (DESIMONE ROBERT W ET AL) 7 November 2000 (2000-11-07) cited in the application the whole document column 31; example 1	1
X	WO 99/10347 A (DESIMONE ROBERT W ; NEUROGEN CORP (US); ALBAUGH PAMELA (US); LIU GANG) 4 March 1999 (1999-03-04) cited in the application the whole document	1



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Patent family members are listed in annex.

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Date of the actual completion of the international search

26 November 2004

Date of mailing of the international search report

03/12/2004

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