

(19) World Intellectual Property
Organization
International Bureau



WIPO | PCT



(10) International Publication Number
WO 2020/201833 A8

(43) International Publication Date
08 October 2020 (08.10.2020)

(51) International Patent Classification:

A61K 31/4985 (2006.01) *A61P 31/04* (2006.01)
A61P 13/00 (2006.01)

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).

(21) International Application Number:

PCT/IB2020/000261

(22) International Filing Date:

03 April 2020 (03.04.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/828,801	03 April 2019 (03.04.2019)	US
62/834,112	15 April 2019 (15.04.2019)	US
62/841,363	01 May 2019 (01.05.2019)	US
62/841,375	01 May 2019 (01.05.2019)	US
62/841,384	01 May 2019 (01.05.2019)	US
62/895,601	04 September 2019 (04.09.2019)	US
62/895,590	04 September 2019 (04.09.2019)	US
62/895,594	04 September 2019 (04.09.2019)	US

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

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

(48) Date of publication of this corrected version:

04 August 2022 (04.08.2022)

(15) Information about Correction:

see Notice of 04 August 2022 (04.08.2022)

**(71) Applicant: GLAXOSMITHKLINE INTELLECTUAL
PROPERTY DEVELOPMENT LIMITED** [GB/GB];
980 Gear West Road, Brenford, Middlesex TW8 9GS
(GB).

(72) Inventors: PAYNE, David, John; 1250 South Collegeville
Road, Ollegeville, PA 19426 (US). **RITTENHOUSE,
Stephen;** 1250 South Collegeville Road, Collegeville,
PA 19426 (US). **SCANGARELLA-OMAN, Nicole;** 1250
South Collegeville Road, Collegeville, PA 19426 (US).

(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, 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,

(54) Title: GEPOTIDACIN FOR USE IN THE TREATMENT OF BACTERIAL URINARY TRACT INFECTIONS

(57) Abstract: Disclosed are methods and compounds for use for treating urinary tract infection comprising administering gepotidacin or a pharmaceutically acceptable salt thereof, in a therapeutically effective amount in a human In need thereof, wherein the urinary tract infection is caused by one or more bacterium as defined herein.



WO 2020/201833 A8