

(19) World Intellectual Property
Organization
International Bureau



WIPO | PCT



(10) International Publication Number
WO 2016/073652 A8

(43) International Publication Date
12 May 2016 (12.05.2016)

(51) International Patent Classification:

C07D 405/06 (2006.01) C07D 413/06 (2006.01)
C07D 409/06 (2006.01) C07D 473/34 (2006.01)
C07D 211/46 (2006.01) C07D 487/04 (2006.01)
C07D 401/06 (2006.01) A61K 31/445 (2006.01)
C07D 401/12 (2006.01) A61P 31/12 (2006.01)

(21) International Application Number:

PCT/US2015/059110

(22) International Filing Date:

4 November 2015 (04.11.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/075,505 5 November 2014 (05.11.2014) US

(71) Applicant: EMERGENT VIROLOGY LLC [US/US];
400 Professional Dr., Suite 400, Gaithersburg, MD 20879
(US).

(72) Inventors: RAMSTEDT, Urban; 4853 Cordell Avenue,
Bethesda, Maryland 20814 (US). WARFIELD, Kelly
Lyn; 2640 Inwood Drive, Adamstown, Maryland 21710

(US). TRESTON, Anthony; 7119 Plantation Lane, Rock-
ville, Maryland 20852 (US).

(74) Agents: BODENSTEIN, Matthew S. et al.; Sterne,
Kessler, Goldstein & Fox P.L.L.C., 1100 New York Aven-
ue, N.W., Washington, District of Columbia 20005-3934
(US).

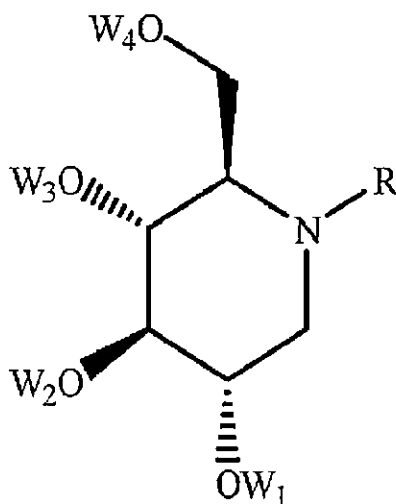
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
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, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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,

[Continued on next page]

(54) Title: IMINOSUGARS USEFUL FOR THE TREATMENT OF VIRAL DISEASES

(57) Abstract: Formula IA, and their use for treating viral infections.



IA



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))

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))

(48) Date of publication of this corrected version:

4 May 2017

(15) Information about Correction:

see Notice of 4 May 2017