

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
25 June 2009 (25.06.2009)

PCT

(10) International Publication Number
WO 2009/077954 A1

(51) International Patent Classification:

C07D 231/40 (2006.01) A61K 31/4155 (2006.01)
C07D 411/12 (2006.01) A61P 31/18 (2006.01)
C07D 413/12 (2006.01)

[FR/FR]; 1, impasse du Gersbach, F-68640 Steinsoultz (FR). **POTHIER, Julien** [FR/FR]; 27, rue du Vieil Armand, F-68300 Saint-louis (FR). **RICHARD-BILD-STEIN, Sylvia** [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR).

(21) International Application Number:

PCT/IB2008/055251

(74) Agent: **RUHLMANN, Eric**; c/o Actelion Pharmaceuticals Ltd, Legal Department, Gewerbestrasse 16, CH-4123 Allschwil (CH).

(22) International Filing Date:

12 December 2008 (12.12.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/IB2007/055111

14 December 2007 (14.12.2007) IB

PCT/IB2008/053648

10 September 2008 (10.09.2008) IB

(71) Applicant (for all designated States except US): **ACTELION PHARMACEUTICALS LTD** [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BUR, Daniel** [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). **CORMINBOEUF, Olivier** [CH/CH]; Steinbühlallee 108b, CH-4123 Allschwil (CH). **CREN, Sylvaine** [FR/CH]; Sonneggstrasse 75, CH-8006 Zürich (CH). **FRETZ, Heinz** [CH/CH]; Grenzacherweg 295, CH-4125 Riehen (CH). **GRISOSTOMI, Corinna** [CH/CH]; Im Rebeggässli 11C, CH-4123 Allschwil (CH). **LEROY, Xavier**

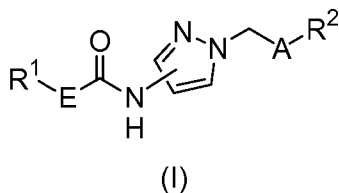
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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

(54) Title: AMINOPYRAZOLE DERIVATIVES



(57) Abstract: The invention relates to aminopyrazole derivatives of formula (I), (I) wherein A, E, R¹ and R² are as defined in the description, their preparation and their use as pharmaceutically active compounds.

WO 2009/077954 A1