

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

(19) World Intellectual Property

Organization

International Bureau

(43) International Publication Date

2 August 2012 (02.08.2012)



(10) International Publication Number

WO 2012/101453 A1

(51) International Patent Classification:

C07D 207/06 (2006.01) C07D 401/12 (2006.01)
C07D 211/16 (2006.01) C07D 401/14 (2006.01)
C07D 211/18 (2006.01) C07D 413/04 (2006.01)
C07D 211/20 (2006.01) C07D 471/04 (2006.01)
C07D 211/22 (2006.01) C07D 295/192 (2006.01)
C07D 211/46 (2006.01) C07D 295/185 (2006.01)
C07D 401/04 (2006.01) A61K 31/44 (2006.01)
C07D 401/06 (2006.01)

(21) International Application Number:

PCT/GB2012/050177

(22) International Filing Date:

27 January 2012 (27.01.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1101517.9 28 January 2011 (28.01.2011) GB

(71) Applicant (for all designated States except US): PROX-IMAGEN LTD. [GB/GB]; 3rd Floor, 91-93 Farringdon Road, London, Greater London EC1M 3LN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BOYD, Joe William [GB/GB]; 77 Limes Road, Hardwick, Cambridge, Cambridgeshire CB23 7XN (GB). MEO, Paul [GB/GB]; 95 Barrons Way, Comberton, Cambridgeshire CB23 7DR (GB). HIGGINBOTTOM, Michael [GB/GB]; 6 Goose Cross, Highfields Caldecote, Cambridge, Cambridgeshire CB23 7ZL (GB). SIMPSON, Iain [GB/GB]; 13 Cratherine Way, Cambridge, Cambridgeshire CB4 2LZ (GB).

MOUNTFORD, David Mark [GB/GB]; 108 Radstock Way, Merstham, Surrey RH1 3NH (GB). SAVORY, Edward Daniel [GB/GB]; 23 Mayfield Way, Great Cambridge, Cambridgeshire CB23 5JA (GB).

(74) Agent: CLARKE, Lionel Paul; The Broadgate Tower, 20 Primrose Street, London GB EC2A 2ES (GB).

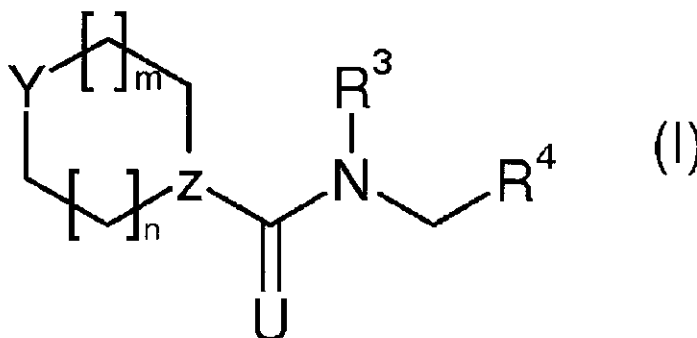
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- with amended claims (Art. 19(1))

(54) Title: PROTEASE ACTIVATED RECEPTOR 2 (PAR2) ANTAGONISTS



(57) Abstract: A compound of formula (I) or a pharmaceutically acceptable salt, solvate, hydrate thereof (I) Wherein Y, Z, R³, U, R⁴, m and n are as defined in the claims.