

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
05 April 2018 (05.04.2018)



(10) International Publication Number
WO 2018/060312 A1

(51) International Patent Classification:

A61K 38/29 (2006.01) A61K 47/34 (2017.01)

A61K 9/00 (2006.01)

(21) International Application Number:

PCT/EP2017/074594

(22) International Filing Date:

28 September 2017 (28.09.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

16191454.4 29 September 2016 (29.09.2016) EP

17155846.3 13 February 2017 (13.02.2017) EP

(71) Applicant: ASCENDIS PHARMA BONE DISEASES A/S [DK/DK]; Tuborg Boulevard 5, 2900 Hellerup (DK).

(72) Inventors: SPROGØE, Kennett; Vængestien 7, 2840 Holte (DK). HOLTEN-ANDERSEN, Lars; Rødtjørnevej 8, st., 2720 Vanløse (DK). KARPFF, David Brian; 203 Sherland Ave., Mountain View, California 94043 (US).

(74) Agent: BÜCHEL, Edwin; Isenbruck Bösl Hörschler LLP Patentanwälte, EASTSITE ONE, Seckenheimer Landstraße 4, 68163 Mannheim (DE).

(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, 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, 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))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: PTH COMPOUNDS WITH LOW PEAK-TO-TROUGH RATIOS

(57) Abstract: The present invention relates to a pharmaceutical composition comprising a PTH compound, wherein after subcutaneous administration the pharmacokinetic profile of the PTH compound exhibits a peak to trough ratio of less than 4 within one injection interval.



WO 2018/060312 A1