

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
10 August 2023 (10.08.2023)



(10) International Publication Number
WO 2023/148307 A1

(51) International Patent Classification:

A61K 8/02 (2006.01) A61K 8/25 (2006.01)

A61Q 11/00 (2006.01)

Published:

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

(21) International Application Number:

PCT/EP2023/052641

(22) International Filing Date:

03 February 2023 (03.02.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2201484.9 04 February 2022 (04.02.2022) GB

(71) Applicant: **SIGRID THERAPEUTICS AB** [SE/SE]; 7A Odenplan, Norrtullsgatan 6, Plan 5, 113 29 Stockholm (SE).

(72) Inventors: **BAEK, Jeanha**; Bigarråvågen 4, 11421 Stockholm (SE). **BENGTSSON, Tore**; Gadolinitvägen 10, 18594 Vaxholm (SE). **IOANNIDOU, Anna**; 7A Odenplan, Norrtullsgatan 6, 11329 Stockholm (SE). **JOHNSTON, Eric**; Torgnyvägen 21, 16853 Bromma (SE). **ROBERT-NICOUD, Ghislaine Monique Nicole**; Torsgatan 52A, 11337 Stockholm (SE).

(74) Agent: **PROCTOR, Anthony James**; Potter Clarkson, Chapel Quarter, Chapel Bar, Nottingham Nottinghamshire NG1 6HQ (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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, 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, CV, 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, ME, 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).

(54) Title: ORAL CARE COMPOSITION COMPRISING POROUS SILICA PARTICLES

(57) Abstract: There is provided herein an oral care composition comprising porous silica particles having pores in the mesoporous range, wherein the average pore size of the pores in the mesoporous range is from about 7.0 to about 25.0 nm.

WO 2023/148307 A1