

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 December 2024 (12.12.2024)



(10) International Publication Number
WO 2024/252375 A1

(51) International Patent Classification:

C07C 67/52 (2006.01) A61P 35/00 (2006.01)
A61K 31/23 (2006.01) C07C 67/08 (2006.01)
A61P 19/02 (2006.01) C07C 67/38 (2006.01)
A61P 25/28 (2006.01) C07C 69/30 (2006.01)
A61P 31/18 (2006.01)

(21) International Application Number:

PCT/IB2024/055663

(22) International Filing Date:

10 June 2024 (10.06.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/472,229 09 June 2023 (09.06.2023) US
63/607,779 08 December 2023 (08.12.2023) US

(71) Applicant: **CERECIN AUSTRALIA PTY LIMITED**
[AU/AU]; Level 13, 41 Exhibition Street, Melbourne, Vic-
toria 3000 (AU).

(72) Inventor: **LIU, Aikun Julie**; Level 13, 41 Exhibition
Street, Melbourne, Victoria 3000 (AU).

(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, MU, 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, SC, 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: COMPOSITIONS OF AND METHODS OF MAKING ULTRA-PURE TRICAPRYLIN

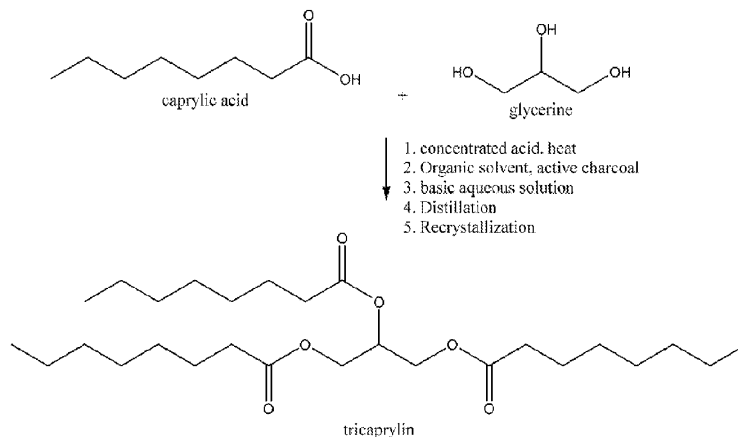


FIG. 2

(57) Abstract: The present disclosure provides methods of producing ultra-pure tricaprylin and compositions comprising the ultra-pure tricaprylin. The disclosure also provides methods of using the compositions for the treatment of diseases.

[Continued on next page]

Published:

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