

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
07 February 2019 (07.02.2019)



(10) International Publication Number
WO 2019/027368 A1

(51) International Patent Classification:

C07K 1/04 (2006.01) C07K 7/08 (2006.01)

(21) International Application Number:

PCT/SG2018/050388

(22) International Filing Date:

31 July 2018 (31.07.2018)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10201706224X 31 July 2017 (31.07.2017) SG

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(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).

(54) Title: METHOD OF PREPARING STAPLED PEPTIDES

(57) Abstract: Described herein is an operationally simple, one-pot solid-supported preparation of saturated stapled peptides. Following completion of ruthenium-catalysed metathesis, solid-phase transfer hydrogenation was achieved using triethylhydrosilane at elevated temperatures. The utility of the method has been demonstrated on 14- and 16-mer peptides to yield the corresponding cyclic α -helix stabilised stapled peptides.



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