(A1)

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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
4 July 2002 (04.07.2002)

PCT

(10) International Publication Number
WO 02/051861 A3

(51) International Patent Classification[7]: C07K 1/04, 1/06, 7/23

(21) International Application Number: PCT/IE01/00159

(22) International Filing Date:
19 December 2001 (19.12.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2000/1079 22 December 2000 (22.12.2000) IE

(71) Applicant *(for all designated States except US)*: **KINERTON LIMITED** [IE/IE]; Blanchardstown Industrial Park, Blanchardstown, Dublin 15 (IE).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **JACKSON, Steven, Allen** [US/US]; 81 Noth Mill Street, Holliston, MA (US).

(74) Agent: **ANNE RYAN & CO.**; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
10 October 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 02/051861 A3

162162

(54) Title: PROCESS FOR THE SYNTHESIS OF A PEPTIDE HAVING A TRYPTOPHAN RESIDUE

(57) Abstract: A process for the solid phase synthesis of a peptide having at least one thyptophan residue, wherein said method comprises temporarily protecting the indole ring of said tryptophan residue with a side chain protecting group which is labile to a base wherein said protecting group is removed during cleavage of said peptide from the solid support.