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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number
WO 2004/022084 A1

(51) International Patent Classification[7]: A61K 38/04, 39/00, A61P 37/02

(21) International Application Number: PCT/AU2003/001150

(22) International Filing Date: 4 September 2003 (04.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002951212 4 September 2002 (04.09.2002) AU

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(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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

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.

(54) Title: A METHOD OF MODULATING CELLULAR ACTIVITY AND MOLECULES FOR USE THEREIN

(57) Abstract: The present invention relates generally to a method of modulating T cell functional activity by utilising β-amino acid substituted peptides and to agents useful for the same. More particularly, the present invention relates to a method of modulating class I restricted T cell activity by utilising β-amino acid substituted peptides and to agents useful for the same. The method of the present invention is useful, *inter alia*, in the treatment and/or prophylaxis of conditions characterised by suboptimal T cell stimulation such as that which occurs in some viral infections and in anti-tumour immunity, as well as aberrant, unwanted or otherwise inappropriate T cell functioning such as, but not limited to, graft rejection or autoimmune conditions, the present invention is further directed to methods of identifying, designing and/or modifying agents capable of modulating T cell functional activity.

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