

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 June 2006 (22.06.2006)

PCT

(10) International Publication Number
WO 2006/064277 A1

(51) International Patent Classification:

C07F 7/08 (2006.01) A61P 9/00 (2006.01)
A61K 31/695 (2006.01) A61P 35/00 (2006.01)
A61P 31/00 (2006.01) A61P 5/00 (2006.01)

(21) International Application Number:

PCT/GB2005/004905

(22) International Filing Date:

16 December 2005 (16.12.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0427722.4 17 December 2004 (17.12.2004) GB

(71) Applicant (for all designated States except US): **PARADIGM THERAPEUTICS LTD.** [GB/GB]; 418 Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB).

(72) Inventors; and

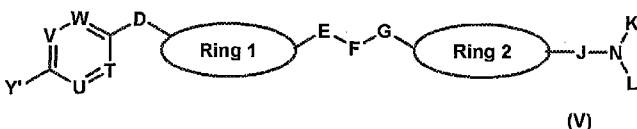
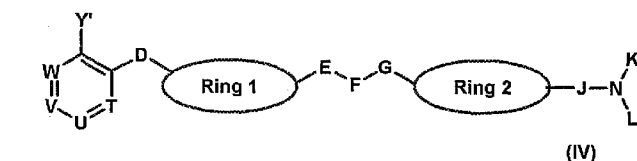
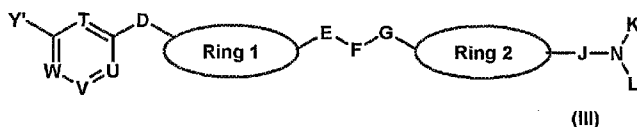
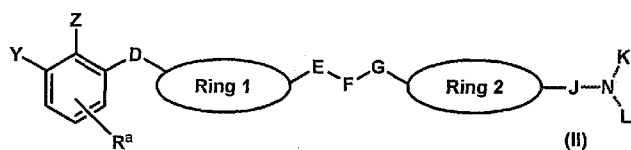
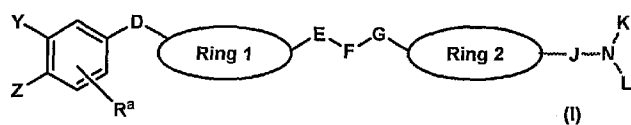
(75) Inventors/Applicants (for US only): **SHOWELL, Graham, Andrew** [GB/GB]; Paradigm Therapeutics Ltd., 162 Cambridge Science Park, Milton Road, Cambridge CB4 0GP (GB). **WALSH, Louise, Marie** [GB/GB]; Paradigm Therapeutics Ltd., 162 Cambridge Science Park, Milton Road, Cambridge CB4 0GP (GB). **MANDAL, Ajay, Kumar** [GB/GB]; Paradigm Therapeutics Ltd., 162 Cambridge Science Park, Milton Road, Cambridge CB4 0GP (GB).

(74) Agent: **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,

[Continued on next page]

(54) Title: SILICON COMPOUNDS AND THEIR USE



(57) Abstract: A compound of any of formulas (I) to (V) : wherein at least one of Y and Z includes a Si atom, is of utility in therapy.



SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,

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.