SG 9706363-2
RTMP
COPY

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07D 498/18, A61K 31/435, C07F 7/18, A61K 31/695 // (C07D 498/18, 311:00, 273:00, 221:00)

A1

(11) International Publication Number: WO 96/41807

(43) International Publication Date: 27 December 1996 (27.12.96)

(21) International Application Number: PCT/EP96/02441

(22) International Filing Date: 5 June 1996 (05.06.96)

(30) Priority Data:

9511704.0	9 June 1995 (09.06.95)	GB
9513754.3	6 July 1995 (06.07.95)	GB

(71) Applicant *(for all designated States except AT DE US)*: SANDOZ LTD. [CH/CH]; Lichtstrasse 35, CH-4002 Basle (CH).

(71) Applicant *(for DE only)*: SANDOZ-PATENT-GMBH [DE/DE]; Humboldtstrasse 3, D-79539 Lörrach (DE).

(71) Applicant *(for AT only)*: SANDOZ-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

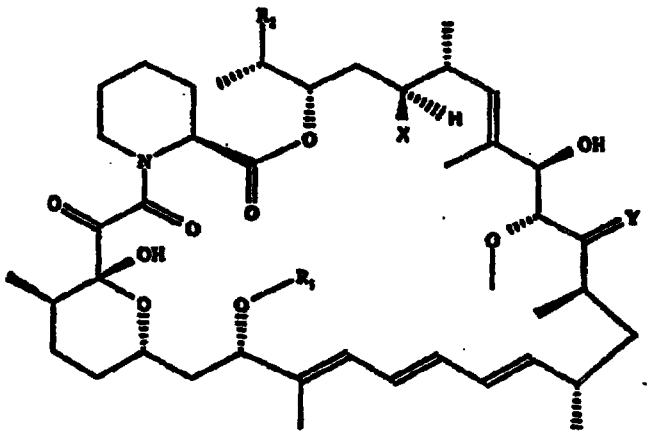
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: COTTENS, Sylvain [CH/CH]; In den Reben 12, CH-4108 Witterswil (CH). SEDRANI, Richard [LU/CH]; Herrengrabenweg 15, CH-4054 Basle (CH).

(74) Common Representative: SANDOZ LTD.; Patents & Trademarks Division, Lichtstrasse 35, CH-4002 Basle (CH).

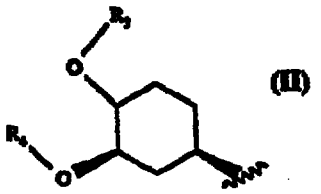
(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: RAPAMYCIN DERIVATIVES



(I)



(II)



(III)

(57) Abstract

Compounds of Formula (I), wherein R_2 is selected from formula (II) or formula (III), and X is OH or H show immunosuppressant activity.