PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 :
A61K 47/10, C07D 498/18, A61K 31/715

A3

(11) International Publication Number: WO 00/33878

(43) International Publication Date: 15 June 2000 (15.06.00)

(21) International Application Number: PCT/EP99/09521

(22) International Filing Date: 6 December 1999 (06.12.99)

(30) Priority Data:

9826882.4	7 December 1998 (07.12.98)	GB
9904934.8	4 March 1999 (04.03.99)	GB

(71) Applicant *(for all designated States except AT US)*: NOVARTIS AG [CH/CH]; Schwarzwaldallee 215, CH–4058 Basel (CH).

(71) Applicant *(for AT only)*: NOVARTIS–ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunner Strasse 59, A–1230 Vienna (AT).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: NAVARRO, François [FR/FR]; 53, Rue Principale, F–68440 Bruebach (FR). PETIT, Samuel [FR/FR]; 11, Parc de la Risle, F–76130 Mont–Saint–Aignan (FR). STONE, Guy [US/CH]; Marchbachstrasse 9, CH–4107 Ettingen (CH).

(74) Agent: BECKER. Konrad; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH–4002 Basel (CH).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(88) Date of publication of the international search report:
2 November 2000 (02.11.00)

(54) Title: STABILIZATION OF MACROLIDES

(57) Abstract

The invention relates to the stabilization of poly–ene macrolides and to a particular macrolide obtained in crystalline form.