970 5877-0
IPOS copy

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 31/66, 31/675 — A1

(11) International Publication Number: WO 97/02037

(43) International Publication Date: 23 January 1997 (23.01.97)

(21) International Application Number: PCT/EP96/02842

(22) International Filing Date: 26 June 1996 (26.06.96)

(30) Priority Data: 1920/95-1 30 June 1995 (30.06.95) CH

(71) Applicants *(for all designated States except US)*: SYMPHAR S.A. [CH/CH]; 243, route des Fayards, CH-1290 Versoix (CH). SMITHKLINE BEECHAM PLC [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: NGUYEN, Lan, Mong [CH/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). NIESOR, Eric [FR/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). BENTZEN, Craig, Leigh [US/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). PHAN, Hieu, Trung [CH/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). DIEP, Vinh, Van [CH/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). FLORET, Simon [CH/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). AZOULAY, Raymond [MA/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). BULLA, Alexandre [RO/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). GUYON-GELLIN, Yves [FR/CH]; Symphar S.A., 243, route des Fayards, CH-1290 Versoix (CH). IFE, Robert, John [GB/GB]; SmithKline Beecham Pharmaceuticals, The Frythe, Welwyn, Hertfordshire AL6 9AR (GB).

(74) Agent: CONNELL, Anthony, Christopher; SmithKline Beecham, Corporate Intellectual Property, SB House, Great West Road, Brentford, Middlesex TW8 9BD (GB).

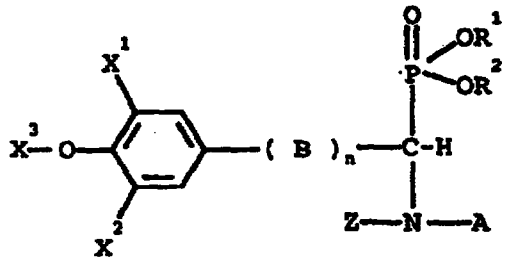
(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, 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: COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(57) Abstract

Aminophosphonates alpha substituted by phenol groups of formula (I) have lipoprotein(a) lowering activity.



(I)