200406764

19 NOV 2004

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 03/101448 A1

(51) International Patent Classification[7]: A61K 31/40, 45/06, A61P 9/10

(21) International Application Number: PCT/EP03/05762

(22) International Filing Date: 2 June 2003 (02.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/385,220 3 June 2002 (03.06.2002) US

(71) Applicant *(for all designated States except AT, US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(71) Applicant *(for AT only)*: **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **HOLMES, David, Grenville** [CH/CH]; Holeeholzweg 75, CH-4102 Binningen (CH). **HUGHES, Thomas, Edward** [US/US]; 89 Wilson Road, Concord, MA 01742 (US).

(74) Agent: **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: 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).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.



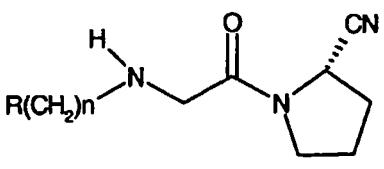
162162



ACTION

WO 03/101448 A1

(54) Title: THE USE OF SUBSTITUTED CYANOPYRROLIDINES AND COMBINATION PREPARATIONS CONTAINING THEM FOR TREATING HYPERLIPIDEMIA AND ASSOCIATED DISEASES



(I)

(57) Abstract: Disclosed are methods and compositions for the treatment of hyperlipidemia and conditions associated therewith, such as CHD, ischemic stroke, restenosis after angioplasty, peripheral vascular disease, intermittent claudication, myocardial infarction (e.g. necrosis and apoptosis), dyslipidemia and post-prandial lipemia. The methods include administration of a therapeutically effective amount of a compound of formula (I), wherein R is substituted adamantyl; and N is 0 to 3; in free form or in acid addition salt form, and a pharmaceutically acceptable carrier.