2003007648

20 FEB 2003

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 February 2002 (28.02.2002)

PCT

(10) International Publication Number
WO 02/15919 A3

(51) International Patent Classification[7]: A61K 38/17, A61P 9/10

(21) International Application Number: PCT/EP01/09746

(22) International Filing Date: 23 August 2001 (23.08.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
00118542.0 25 August 2000 (25.08.2000) EP

(71) Applicant *(for all designated States except US)*: **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BARNES, Christopher** [DE/DE]; Alleestrasse 21, 65812 Bad Soden (DE). **FRECH, Matthias** [DE/DE]; Fritz-Dächert-Weg 24, 64297 Darmstadt (DE). **HOFMANN, Uwe** [DE/DE]; Hochstädterstrasse 5, 64342 Balkhausen (DE). **GLEITZ, Johannes** [DE/DE]; Liebigstrasse 26, 64293 Darmstadt (DE). **STRITTMATTER, Wolfgang** [DE/DE]; Heyerstrasse 16, 64372 Ober-Ramstadt (DE).

(74) Common Representative: **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(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, 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, MZ, 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.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
30 May 2002

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 02/15919 A3

(54) Title: SARATIN FOR INHIBITING PLATELET ADHESION TO COLLAGEN

(57) Abstract: Use of the polypeptide Saratin for the manufacture of a medicament having the capability to significantly decrease platelet adhesion and platelet accumulation after vascular injuries or endarterectomy. The invention furthermore relates to a novel medical use of Saratin as an inhibitor of thrombosis and intimal hyperplasia, wherein said polypeptide may be used locally as a topical agent or as a coating on, or otherwise incorporated or associated with medical devices.