

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2005 (29.12.2005)

PCT

(10) International Publication Number
WO 2005/123691 A1

(51) International Patent Classification⁷: **C07D 233/22**,
403/06, 401/14, A61K 31/415, 31/496, 31/5377, 31/454

(74) Agent: **POPPE, Regina**; Grenzacherstrasse 124,
CH-4070 Basel (CH).

(21) International Application Number:
PCT/EP2005/006167

(22) International Filing Date: 8 June 2005 (08.06.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/580,441 17 June 2004 (17.06.2004) US
60/674,196 22 April 2005 (22.04.2005) US

(71) Applicant (for all designated States except US): **F-HOFF-
MANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse
124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HALEY, Gregory,
Jay** [US/US]; 13121 Ireland Lane, San Diego, CA 92129
(US). **KONG, Norman** [CA/US]; 12 Klimback Court,
West Caldwell, NJ 07006 (US). **LIU, Emily, Aijun**
[US/US]; 3133 Frontera Way, Unit 221, Burlingame, CA
94010 (US). **VU, Binh, Thanh** [US/US]; 1 Willow Lane,
North Caldwell, NJ 07006 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.

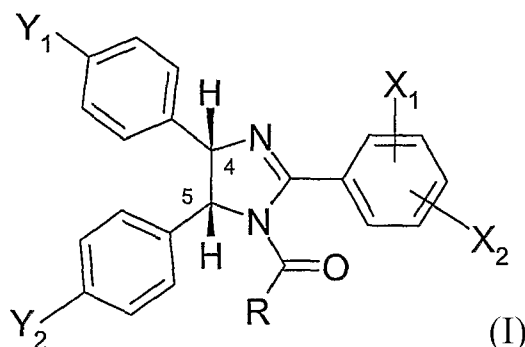
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: NOVEL CIS-IMIDAZOLINES



(57) Abstract: The present invention relates to compounds of the formula (I), and the pharmaceutically acceptable salts and esters thereof, a process for their manufacture, medicaments containing them as well as the use of these compounds as pharmaceutically active agents. The compounds show anti-proliferative activity and may be especially useful for the treatment of cancer.



WO 2005/123691 A1