

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040129 A3

(51) International Patent Classification⁷: **C07D 233/36**,
263/58, 239/80, 277/82, 401/06, 413/12, A61K 31/517,
31/495, 31/454, A61P 29/00

(21) International Application Number:
PCT/EP2004/011545

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/514,296 24 October 2003 (24.10.2003) 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): **GONG, Leyi**
[US/US]; 2259 Armada Way, San Mateo, CA 94404 (US).
WILHELM, Robert, Stephen [US/US]; 90 Hillview
Avenue, Los Altos, CA 94022 (US).

(74) Agent: **HEIROTH, Ulrike**; Grenzacherstrasse 124,
CH-4070 Basel (CH).

(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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, 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, IT, 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).

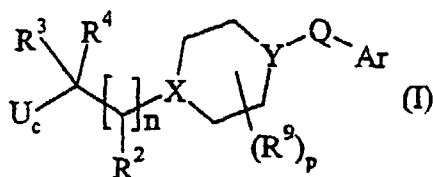
Published:

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

(88) Date of publication of the international search report:
23 June 2005

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: CCR3 RECEPTOR ANTAGONISTS



(57) Abstract: The present invention relates to compounds of Formula (I), wherein R², R³, R⁴, R⁹, Ar, U_C, X, Y, Q, n and p are as defined in the specifica-
tion. The compounds are useful as CCR-3 receptor antagonists, and therefore,
may be used for treatment of CCR-3 mediated diseases.



WO 2005/040129 A3