

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/044814 A1

(51) International Patent Classification⁷: **C07D 321/10**,
407/06, A61K 31/335, A61P 3/00, C07D 401/06, 405/10
// (C07D 407/06, 321:00, 311:00) (C07D 401/06, 321:00,
213:00), 405/10

(21) International Application Number:
PCT/EP2004/012198

(22) International Filing Date: 28 October 2004 (28.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03104117.1 7 November 2003 (07.11.2003) EP

(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): **GOBBI, Luca**,
Claudio [CH/CH]; Rohrhagstrasse 14, CH-4104
Oberwil (CH). **GUBLER, Marcel** [CH/CH]; General
Guisan-Strasse 31, CH-4144 Arlesheim (CH). **NEI-
DHART, Werner** [DE/FR]; 9 rue du Steinler, F-68220
Hagenthal le Bas (FR). **NETTEKOVEN, Matthias, Hein-
rich** [DE/DE]; Winkelmatten 9, 79639 Grenzach-Wyhlen
(DE).

(74) Agent: **WASCHBUESCH, Klaus**; 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.

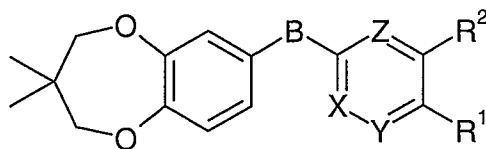
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, 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

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: BENZO [b][1,4] DIOXEPINE DERIVATIVES



(I)

(57) Abstract: This invention relates to
compounds of the formula (I), wherein B, X, Y,
Z, R¹ and R² are as defined in the description,
and pharmaceutically acceptable salts thereof.
The invention further relates to pharmaceutical
compositions containing such compounds, to
a process for their preparation and to their use
for the treatment and/or prevention of diseases

which are modulated by ACCβ inhibitors.



WO 2005/044814 A1