

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/102989 A1

(51) International Patent Classification⁷: **C07C 235/38**,
A61K 31/167, A61P 31/18, C07C 235/78, 255/54, 255/57,
311/08, 311/46, 311/51, 317/32, 317/40, 317/44, 323/49,
323/62, C07D 207/32

(21) International Application Number:
PCT/EP2005/004048

(22) International Filing Date: 15 April 2005 (15.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/565,116 23 April 2004 (23.04.2004) US
60/565,117 23 April 2004 (23.04.2004) 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): **DUNN, James,
Patrick** [US/US]; 270 Portola Court, Los Altos, CA 94022
(US). **HIRSCHFELD, Donald, Roy** [US/US]; 62 Dalma
Drive, Mountain View, CA 94041 (US). **SILVA, Tania**
[PT/US]; 771 Privet Court, Sunnyvale, CA 94086 (US).
VORA, Harit [US/US]; 234 Escuela Avenue, Apt 2,
Mountain View, CA 94040 (US).

(74) Agent: **RAUBER, Beat**; 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, KM, 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, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

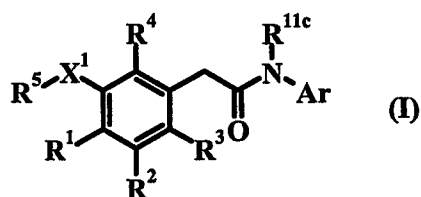
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, 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
- 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 "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS



(57) Abstract: The present invention provides compounds for treating or prevent-
ing an HIV infection, or treating AIDS or ARC comprising administering a com-
pound according to formula (I) where Ar, R¹-R⁵, R^{11c} and X¹ are as defined herein.

WO 2005/102989 A1