

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089917 A3

(51) International Patent Classification⁷: **C07D 251/10**,
A61K 31/53, A61P 3/10, 5/50, 33/06, C07B 57/00

(21) International Application Number:
PCT/EP2004/002476

(22) International Filing Date: 6 April 2004 (06.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0304486 10 April 2003 (10.04.2003) FR

(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): **MOINET, Gérard**
[FR/FR]; 15, rue Lamartine, F-91400 Orsay (FR).
CRAVO, Daniel [FR/FR]; 123, avenue Jules Ferry,
F-78500 Sartrouville (FR). **PASSEMAR, Thierry**
[FR/FR]; 3, Hameau de la Corvette, F-91650 Breuillet
(FR).

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

(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, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (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

(88) Date of publication of the international search report:
23 December 2004

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: PROCESS FOR RESOLVING 2,4-DIAMINO-3,6-DIHYDRO-1,3,5-TRIAZINES, USEFUL FOR THE TREATMENT
OF DISORDERS ASSOCIATED WITH INSULIN RESISTANCE SYNDROME

(57) Abstract: The present invention is directed towards a process for resolving a racemic amino compound derived from dihydro-
1,3,5- triazines. The invention is also directed towards the enantiomers of amino derivatives of dihydro-1,3,5-triazines and to their
use for the preparation of medicaments, in particular for the treatment of diabetes and malaria.

WO 2004/089917 A3