

(19) World Intellectual Property
Organization
International Bureau



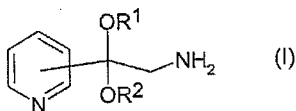
(43) International Publication Date
26 August 2004 (26.08.2004)

PCT

(10) International Publication Number
WO 2004/072026 A2

- (51) International Patent Classification: **C07D**
- (21) International Application Number:
PCT/EP2004/000640
- (22) International Filing Date: 27 January 2004 (27.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
103 05 391.3 11 February 2003 (11.02.2003) DE
- (71) Applicant (for all designated States except US): **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE];
Brüningstrasse 50, 65929 Frankfurt (DE).
- (72) Inventors: **FLEMMING, Hans-Wolfram**; An
den Tannen 3, 61250 Usingen (DE). **KORB, Ger-
hard**; Reichenberger Ring 47, 63512 Hainburg (DE).
MUELLER-LEHAR, Juergen; Am Zuckerberg 21b,
55278 Weinolsheim (DE). **WEBER, Walter**; Casteller
Strasse 53, 65719 Hofheim (DE).
- (74) Common Representative: **AVENTIS PHARMA
DEUTSCHLAND GMBH**; Patent-und Lizenzabteilung,
Industriepark Höchst, Geb. K 801, 65926 Frankfurt (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, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished
upon receipt of that 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: PROCESS FOR PREPARING PYRIDINE-SUBSTITUTED AMINO KETAL DERIVATIVES



(57) Abstract: The present invention relates to an efficient process for preparing derivatives of 1-(pyridinyl)-1, 1-di-
alkoxy-2-aminoethane of the formula (I), with which compounds of the formula (I) can be prepared in high purity and yield and in
the form of the free base without isolating the acetylpyridine oxime of the formula (XI) which is a critical product from a safety
point of view as a solid.



WO 2004/072026 A2