

(2004063152)

28 Oct 04

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 December 2003 (04.12.2003)

PCT

(10) International Publication Number
WO 2003/098992 A3

(51) International Patent Classification⁷: **A61P 7/02**,
C07D 231/08, A61K 31/4152

(21) International Application Number:
PCT/US2003/016255

(22) International Filing Date: 21 May 2003 (21.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/382,871 22 May 2002 (22.05.2002) US

(71) Applicant (for all designated States except US):
SMITHKLINE BEECHAM CORPORATION
[US/US]; PO Box 7929, One Franklin Plaza, Philadelphia,
PA 19101 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MOORE, Stephen**
[GB/GB]; Old Powdermills, Powdermill Lane, Leigh,
Tonbridge, Kent TN11 9AN (GB).

(74) Agent: **DUSTMAN, Wayne, J.**; UW2220, 709 Swedeland
Road, King of Prussia, PA 19406 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, 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, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (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 patent (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:
25 March 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.



162162

28 OCT 2004



ACTION

(54) Title: 3'-[(2Z)-[1-(3,4-DIMETHYLPHENYL)-1,5-DIHYDRO-3-METHYL-5-OXO-4H-PYRAZOL-4-YLIDENE]HY-
DRAZINO]-2'-HYDROXY-[1,1'-BIPHENYL]-3-CARBOXYLIC ACID BIS-(MONOETHANOLAMINE)

(57) Abstract: An improved thrombopoietin mimetic, the bis-(monoethanolamine) salt of 3'-[(2Z)-[1-(3,4-dimethylphenyl)-1,5-
dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene]hydrazino]-2'-hydroxy-[1,1'-biphenyl]-3-carboxylic acid.

WO 2003/098992 A3