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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 May 2001 (10.05.2001)

PCT

(10) International Publication Number
WO 01/32165 A1

(51) International Patent Classification[7]: A61K 31/19, 31/44, 31/74

(21) International Application Number: PCT/US00/29453

(22) International Filing Date: 26 October 2000 (26.10.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/162,477	29 October 1999 (29.10.1999)	US
60/162,641	1 November 1999 (01.11.1999)	US
60/179,817	2 February 2000 (02.02.2000)	US

(71) Applicants *(for all designated States except US)*: **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MURDOCH, Robert, D.** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Esseyx CM19 5AW (GB). **TORPHY, Theodore, J.** [US/US]; 823 Mt. Pleasant Road, Bryn Mawr, PA 19010 (US). **ZUSSMAN, Barry, D.** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) Agents: **KANAGY, James, M.** et al.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) Designated States *(national)*: AE, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CZ, DZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, TZ, UA, US, UZ, VN, YU, ZA.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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 "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/32165 A1

(54) Title: METHOD FOR ADMINISTERING A PHOSPHODIESTERASE 4 INHIBITOR

(57) Abstract: This invention relates to a method for increasing the dose of a PDE4 inhibitor that can be administered at one time and be tolerated by the patient by reducing the absorption rate or the rate of rise in plasma concentration of the inhibitor.