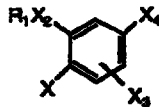




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 31/41, 31/235, 31/165, 31/075		A1	(11) International Publication Number: WO 99/34798
			(43) International Publication Date: 15 July 1999 (15.07.99)
(21) International Application Number: PCT/US99/00214 (22) International Filing Date: 6 January 1999 (06.01.99) (30) Priority Data: 60/070,718 7 January 1998 (07.01.98) US 60/106,908 28 October 1998 (28.10.98) US (71) Applicant (for all designated States except US): SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CHRISTENSEN, Siegfried, B., IV [US/US]; Rivers Edge, 2301 Cherry Street, Philadelphia, PA 19103 (US). TORPHY, Theodore [US/US]; 823 Mt. Pleasant Road, Bryn Mawr, PA 19010 (US). (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: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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 <i>With international search report.</i>	
(54) Title: METHOD FOR TREATING COPD			
 (I)			
(57) Abstract A method for treating COPD comprising administering compounds of Formula (I) where X ₄ is a 1-substituted cyclohexyl group.			