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WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 :
C07D 211/58, 401/06, 405/12, 401/10, 413/06, 409/06, A61K 31/496, A61P 31/12, 19/00

A1

(11) International Publication Number: WO 00/66558

(43) International Publication Date: 9 November 2000 (09.11.00)

(21) International Application Number: PCT/US00/11632

(22) International Filing Date: 1 May 2000 (01.05.00)

(30) Priority Data:
09/305,266 4 May 1999 (04.05.99) US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application
US 09/305,226 (CIP)
Filed on 4 May 1999 (04.05.99)

(71) Applicant *(for all designated States except US)*: SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: BAROUDY, Bahige, M. [US/US]; 706 Central Avenue, Westfield, NJ 07090 (US). CLADER, John, W. [US/US]; 428 North Union Avenue, Cranford, NJ 07016 (US). JOSIEN, Hubert, B. [FR/US]; 5441 Washington Boulevard, Jersey City, NJ 07310 (US). MCCOMBIE, Stuart, W. [GB/US]; 28 Hanford Place, Caldwell, NJ 07006 (US). MCKITTRICK, Brian, A. [US/US]; 67 Laurel Avenue, Bloomfield, NJ 07003 (US). MILLER, Michael, W. [US/US]; 1017 South Avenue, Westfield, NJ 07090 (US). NEUSTADT, Bernard, R. [US/US]; 24 Brook Place, West Orange, NJ 07052 (US). PALANI, Anandan [IN/US]; 2015 Galloping Hill Road, Kenilworth, NJ 07033 (US). SMITH, Elizabeth, M. [CA/US]; 166 Grove Avenue, Verona, NJ 07044 (US). STEENSMA, Ruo [CN/US]; 3 50th Street, Weehawken, NJ 07087 (US). TAGAT, Jayaram, R. [US/US]; 133 Boynton Court, Westfield, NJ 07090 (US). VICE, Susan, F. [US/US]; 1144 Sawmill Road, Mountainside, NJ 07092 (US). LAUGHLIN, Mark, A. [US/US]; 25 Cinder Road, #3M, Edison, NJ 08820 (US). GILBERT, Eric [US/US]; 2119 Gamble Road, Scotch Plains, NJ 07076 (US). LABROLI, Marc, A. [US/US]; 1805 Augusta Circle, Mount Laurel, NJ 08054 (US).

(74) Agents: MAGATTI, Anita, W. et al.; Schering–Plough Corporation, Patent Department, K–6–1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

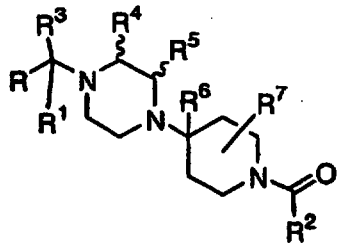
(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, 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.

(54) Title: PIPERAZINE DERIVATIVES USEFUL AS CCR5 ANTAGONISTS

(57) Abstract

The use of CCR5 antagonists of formula (I) or a pharmaceutically acceptable salt thereof, wherein: R is optionally substituted phenyl, pyridyl, thiophenyl or naphthyl; R^1 is hydrogen or alkyl; R^2 is substituted phenyl, substituted heteroaryl, naphthyl, fluorenyl, diphenylmethyl or optionally substituted phenyl– or heteroaryl–alkyl; R^3 is hydrogen, alkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, or optionally substituted phenyl, phenylalkyl, naphthyl, naphthylalkyl, heteroaryl or heteroarylalkyl; R^4, R^5 and R^7 are hydrogen or alkyl; R^6 is hydrogen, alkyl or alkenyl; for the treatment of HIV, solid organ transplant rejection, graft v. host disease, arthritis, rheumatoid arthritis, inflammatory bowel disease, atopic dermatitis, psoriasis, asthma, allergies or multiple sclerosis is disclosed, as well as novel compounds, pharmaceutical compositions comprising them, and the combination of CCR5 antagonists of the invention in combination with antiviral agents useful in the treatment of HIV or agents useful in the treatment of inflammatory diseases.



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