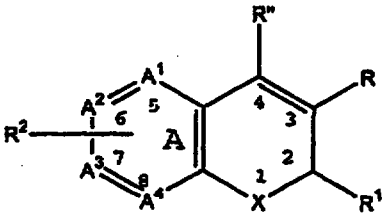




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(21) International Application Number: PCT/US99/21460 (22) International Filing Date: 15 October 1999 (15.10.99) (30) Priority Data: 09/175,584 20 October 1998 (20.10.98) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US Not furnished (CON) Filed on Not furnished (71) Applicant (for all designated States except US): G.D. SEARLE & CO. [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CARTER, Jeffrey, S. [US/US]; 15321 Grantley Drive, Chesterfield, MO 63017 (US). DEVADAS, Balekudru [-/US]; 2175 Parasol Drive, Chesterfield, MO 63017 (US). TALLEY, John, J. [US/US]; 4701 Clifton Avenue, St. Louis, MO 63109		(US). BROWN, David, L. [US/US]; 15504 Twingate, Chesterfield, MO 63017 (US). GRANETO, Matthew, J. [US/US]; 352 Hartwell Court, Chesterfield, MO 63017 (US). ROGIER, Donald, J., Jr. [US/US]; 1828 Westmeade Drive, Chesterfield, MO 63017 (US). NAGARAJAN, Srinivasan, R. [-/US]; 16209 Forest Meadows Drive, Chesterfield, MO 63017 (US). HANAU, Cathleen, E. [US/US]; 15551 Wendimill Drive, St. Louis, MO 63017 (US). HARTMANN, Susan, J. [US/US]; 449 Colony Woods Drive, Kirkwood, MO 63122 (US). LUDWIG, Cindy, L. [US/US]; 1312 Dautel Lane, St. Louis, MO 63017 (US). METZ, Suzanne [US/US]; 525 Westernmill Drive, Chesterfield, MO 63017 (US). KORTE, Donald, E. [US/US]; 5 Birch Court, Mundelein, IL 60062 (US). BERTENSHAW, Stephen, R. [US/US]; 43 Lansdown, Cheshire, CT 06410 (US). OBUKOWICZ, Mark, G. [US/US]; 655 North Kirkwood Road, Kirkwood, MO 63122 (US). (74) Agents: BULOCK, Joseph, W. et al.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, 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. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
(54) Title: SUBSTITUTED BENZOPYRAN ANALOGS FOR THE TREATMENT OF INFLAMMATION  (I') (57) Abstract A class of benzopyrans, benzothiopyrans, dihydroquinolines, dihydronaphthalenes, and analogs thereof, is described for use in treating cyclooxygenase-2 mediated disorders. Compounds of particular interest are defined by Formula (I') wherein X, A¹, A², A³, A⁴, R, R'', R¹ and R² are as described in the specification.		