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(21) International Application Number: PCT/US99/18584 (22) International Filing Date: 12 August 1999 (12.08.99) (30) Priority Data: 60/096,214 12 August 1998 (12.08.98) US 60/122,841 4 March 1999 (04.03.99) US (71) Applicants (for all designated States except US): TRIANGLE PHARMACEUTICALS, INC. [US/US]; 4 University Place, 4611 University Drive, Durham, NC 27707 (US). EMORY UNIVERSITY [US/US]; 1380 South Oxford Road, Atlanta, GA 30322 (US). (71)(72) Applicants and Inventors: PAINTER, George, R. [US/US]; 129 Red Bud Lane, Chapel Hill, NC 27514 (US). LIOTTA, Dennis, C. [US/US]; 251 Montrose Drive, McDonough, GA 30253 (US). ALMOND, Merrick [US/US]; 1034 West Sterlington Place, Apex, NC 27502 (US). CLEARY, Darryl [US/US]; 4610 Falconbridge Road, Chapel Hill, NC 27514 (US). SORIA, Jose [MX/US]; 2502 Pangborn Circle, Decatur, GA 30033 (US). (74) Agent: KNOWLES, Sherry, M.; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, 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. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: METHOD OF MANUFACTURE OF 1,3-OXATHIOLANE NUCLEOSIDES (57) Abstract Processes for the preparation of 1,3-oxathiolane nucleosides are provided that include efficient methods for the preparation of the 1,3-oxathiolane ring and subsequent condensation of the 1,3-oxathiolane with a pyrimidine or purine base. Using the processes described herein, the compounds can be provided as isolated enantiomers.		