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(21) International Application Number: PCT/US99/15107 (22) International Filing Date: 2 July 1999 (02.07.99) (30) Priority Data: 60/091,709 3 July 1998 (03.07.98) US (71) Applicant: LEUKOSITE, INC. [US/US]; 215 First Street, Cambridge, MA 02142 (US). (72) Inventors: CHORGHADE, Mukund, S.; 14 Carlson Circle, Natick, MA 01760 (US). GURJAR, Mukund, Keshao; Quater #D-II/5, N.C.L. Campus, Pahar Rod, Pune 41108 (IN). KRISHNA, Radha, Palakodety; R-205, Radha Enclave, 92A, Snehapuri Colony, Nacharam, Hyderabad 500 076 (IN). LALITHA, Sista, Venkata, Sai; 21195 Grenola Drive, Cupertino, CA 95014 (US). SADALAPURE, Kashinath; PO-Sarasamba, Tg. Aland, Dt. Gulbarga 585 103 (IN). ADHIKARI, Susanta, Sekhar; Dt. Midnapur Pingla, West Bengal (IN). MURUGAIAH, Andappan, Murugaiah, Subbaiah; Karambakkudy and Post, Pudukkottai Dt., Tamilnadu 622 302 (IN). MHASKAR, Sunil, Vyankatesh; 26 Village Brook Lane, Natick, MA 01760 (US). SHARMA, Gangavaram, Vasantha, Madhava; 2-2-3/3/8, Shivam Road, Prashanth Nagar, Vidyanagar, Hyderabad 500 044 (IN). PRASAD, Tangallapally, Rajen-		dra; 2-42-31/A, Excise Colony, Hanamakonda, Warangal 506 001 (IN). SREENIVAS, Punna; 17-26, BNR Colony, Deverakonda, Nalgonda 508 248 (IN). REDDY, Vavilala, Goverdhan; Konapur, Wangur, Mahabubnagar 509 349 (IN). ISLAM, Aminul; H.No. 1-121/164, VST Colony Nacharam, Hyderabad 500 076 (IN). HARIPRASAD, Chittineni; H.No. 6-133 Sri Sai Nagar Colony, Saroor Nagar, Hyderabad 500 035 (IN). RAO, Alla, Venkata, Rana; Aura Laboratories, 7-102154, Sai Enclave, Habsiguda, Hyderabad 500 007 (IN). (74) Agents: CORLESS, Peter, F. et al.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (US). (81) Designated States: 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, UZ, VN, YU, 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.</i>
(54) Title: METHODS FOR SYNTHESIS OF SUBSTITUTED TETRAHYDROFURAN COMPOUND		
(57) Abstract		
The invention includes <i>inter alia</i> new methods for preparation of the pharmaceutically active compound 2-(4-fluorophenoxymethyl)-5-(4-N-hydroxyureidyl-1-butynyl)-tetrahydrofuran and precursors thereof.		