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(21) International Application Number: PCT/US98/05903 (22) International Filing Date: 26 March 1998 (26.03.98) (30) Priority Data: 60/042,109 26 March 1997 (26.03.97) US (71) Applicant: DU PONT PHARMACEUTICAL COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors: ZHANG, Lin-Hua; 90 Gilliotti Road, New Fairfield, CT 06812 (US). ANZALONE, Luigi; 1096 Airport Road, West Chester, PA 19380 (US). PESTI, Jaan, A.; 605 Country Club Drive, Wilmington, DE 19805 (US). YIN, Jianguo; 19 Signal Hill Drive, Hockessin, DE 19707 (US). (74) Agent: LARSEN, Scott, K.; The Du Pont Merck Pharmaceutical Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AU, BR, CA, CN, CZ, EE, HU, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, UA, VN, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). 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: LIPASE CATALYZED DYNAMIC RESOLUTION OF ISOXAZOLINE THIOESTERS TO ISOXAZOLINE CARBOXYLIC ACIDS (57) Abstract The present invention relates generally to a novel lipase catalyzed transesterification for preparation of substituted isoxazolin-5-yl acetic acid in high optical purity from a stereoisomeric mixture of an esterified substituted isoxazolin-5-yl acetate. The products are useful in the synthesis of compounds for pharmaceuticals, especially the treatment of thrombolytic disorders, and agricultural products.		