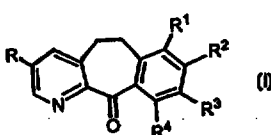
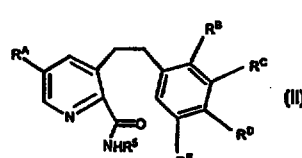
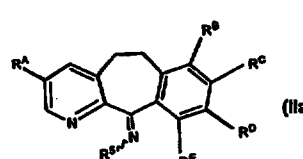
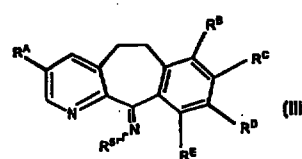
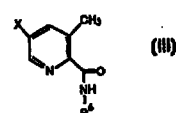
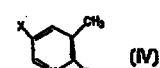




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(21) International Application Number: PCT/US99/26010 (22) International Filing Date: 18 November 1999 (18.11.99) (30) Priority Data: 09/197,003 20 November 1998 (20.11.98) US (71) Applicant: SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US). (72) Inventors: BERNARD, Charles, F.; 4112 Yankee Drive, Agoura Hills, CA 91301 (US). CASEY, Michael; 33 Eden Avenue, Rathfarham, Dublin 16, County Dublin (IE). CHEN, Frank, Xing; 12 Bradford Lane, Plainsboro, NJ 08536 (US). GROGAN, Denise, C.; 80 Alderbrook, Frankfield, Cork, County Cork (IE). POIRIER, Marc; 231 Waterford drive, Edison, NJ 08817 (US). WILLIAMS, Robert, P.; 2 Coogan's Cottages, Kilmolin, Enniskerry, County Wicklow (IE). WONG, Yee-Shing; 26 Sherbrooke Drive, Florham Park, NJ 07932 (US). WU, George, G.; 88 Vanderveer Drive, Basking Ridge, NJ 07920 (US). (74) Agents: MANN, Arthur et al.; Schering-Plough Corporation, Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CZ, DE, DK, DM, 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, 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 <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: SYNTHESIS OF INTERMEDIATES USEFUL IN PREPARING TRICYCLIC COMPOUNDS		
(57) Abstract Disclosed is a process for preparing a compound having formula (I): wherein R, R¹, R², R³, and R⁴ are independently selected from the group consisting of H, Br, Cl, F, alkyl, or alkoxy, by (A) reacting a compound having formula (II), wherein R^A, R^B, R^C, R^D, and R^E are independently selected from the group consisting of H, halo, alkyl, or alkoxy, and R⁵ is aryl or heteroaryl, with a dehydrating agent to produce an imine having formula (IIa); and (B) hydrolyzing the imine produced in step (A) to produce the compound having formula (I). Also disclosed are novel intermediates having a formula (IIb), wherein R^A, R^B, R^C, R^D, and R^E are independently selected from the group consisting of H, halo, alkyl, or alkoxy, and R⁵ is aryl or heteroaryl. Also disclosed is a process for preparing a compound having formula (III), comprising: reacting a compound having formula (IV) with NH₂R⁵ in the presence of a palladium catalyst, carbon monoxide, a base, and an ether selected from the group consisting of: CH₃OCH₂CH₂OCH₃; CH₃OCH₂CH₂CH₂OCH₃; and CH₃OCH₂CH₂CH₂OCH₂CH₂OCH₂CH₂OCH₃, wherein X is H, Br, Cl, or F, and R⁵ is aryl or heteroaryl. The compounds made by these processes are useful intermediates for preparing compounds that are antihistamines or inhibitors of farnesyl protein transferase.  (I)  (II)  (IIa)  (IIb)  (III)  (IV)		