



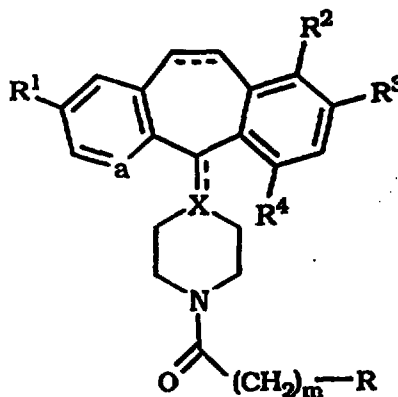
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶: C07D 401/08, 405/14, A61K 31/55, C07D 491/113, 495/10, 413/14, C07F 7/18 // (C07D 491/113, 317:00, 221:00) (C07D 495/10, 339:00, 221:00)	A1	(11) International Publication Number: WO 98/57955 (43) International Publication Date: 23 December 1998 (23.12.98)
(21) International Application Number: PCT/US98/11494 (22) International Filing Date: 15 June 1998 (15.06.98) (30) Priority Data: 08/877,739 17 June 1997 (17.06.97) US (71) Applicant: SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US). (72) Inventors: REMISZEWSKI, Stacy, W.; 147 Honeysuckle Drive, Washington Township, NJ 07675 (US). DOLL, Ronald, J.; 126 Union Avenue, Maplewood, NJ 07040 (US). ALVAREZ, Carmen; 117 Dalton Street, Roselle Park, NJ 07204 (US). (74) Agents: JEANETTE, Henry, C. et al.; Schering-Plough Corporation, Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).	(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, 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, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: COMPOUNDS USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE

(57) Abstract

Novel compounds of formula (1.0) are disclosed. In formula (1.0) a represents N or NO, R¹ and R³ are halo, R² and R⁴ are independently H or halo provided that at least one is H, X is C, CH or N, and R represents a cycloalkyl or a heterocycloalkyl ring that is substituted. Also disclosed are methods of inhibiting farnesyl protein transferase and methods for treating tumor cells.



(1.0)