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(21) International Application Number: PCT/US00/05162 (22) International Filing Date: 1 March 2000 (01.03.00) (30) Priority Data: 60/122,644 3 March 1999 (03.03.99) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: NATCHUS, Michael, George; 1096 Laurel Avenue, Glendale, OH 45246 (US). BOOKLAND, Roger, Gunnard; 960 Spruceglen Drive, Cincinnati, OH 45224 (US). ALMSTEAD, Neil, Gregory; 6348 Trail Ridge Court, Loveland, OH 45140 (US). PIKUL, Stanislaw; 4640 Placepointe Drive, Mason, OH 45040 (US). DE, Biswanath; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US). CHENG, Menyan; 5860 Hazeltine Court, West Chester, OH 45069 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, 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 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.
(54) Title: ALKENYL- AND ALKYNYL-CONTAINING METALLOPROTEASE INHIBITORS		
(I)		
(57) Abstract Disclosed are compounds which are inhibitors of metalloproteases and which are effective in treating conditions characterized by excess activity of these enzymes. In particular, the compounds have a structure according to Formula (I) where X, W, Z, A, G, R¹, R², R³, R⁴, R⁵, R^{5'} and k have the meanings described in the specification. This invention also includes optical isomers, diastereomers and enantiomers of said formula, and pharmaceutically-acceptable salts, biohydrolyzable amides, esters, and imides thereof. Also described are pharmaceutical compositions comprising these compounds, and methods of treating or preventing metalloprotease-related maladies using the compounds or the pharmaceutical compositions.		