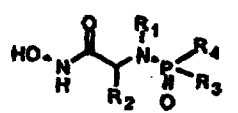




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(21) International Application Number: PCT/US97/14556 (22) International Filing Date: 22 August 1997 (22.08.97) (30) Priority Data: 60/024,765 28 August 1996 (28.08.96) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: PIKUL, Stanislaw; 4640 Placepoint Drive, Mason, OH 45040 (US); MCDOW-DUNHAM, Kelly, Lynne; 1134 Deerhaven Court, Loveland, OH 45140 (US); DE, Biswanath; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US); TAIWO, Yetunde, Olabisi; 7398 Coachford Drive, West Chester, OH 45069 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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, GE, GH, HU, IL, 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, KE, LS, MW, SD, SZ, UG, ZW), 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.
(54) Title: PHOSPHINIC ACID AMIDES AS MATRIX METALLOPROTEASE INHIBITORS		
(57) Abstract The invention provides compounds which are useful as inhibitors of matrix metalloproteases, and which are effective in treating conditions characterized by excess activity of these enzymes. In particular, the present invention relates to a compound having a structure according to formula (I) wherein R₁, R₂, R₃ and R₄ are described in the claims, a stereoisomer or enantiomer thereof, or a pharmaceutically-acceptable salt, or biohydrolyzable alkoxyamide, ester acyloxyamide, imide or derivative thereof. Also disclosed are compounds, pharmaceutical compositions and methods of treating diseases characterized by matrix metalloprotease activity using these compounds or the pharmaceutical compositions containing them.  (I)		