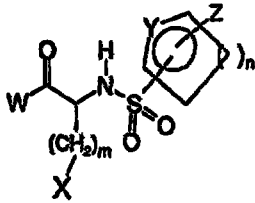




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(21) International Application Number: PCT/EP99/00646 (22) International Filing Date: 2 February 1999 (02.02.99) (30) Priority Data: 09/018,819 4 February 1998 (04.02.98) US (71) Applicant (for all designated States except AT US): NOVARTIS AG (CH/CH); Schwarzwaldallee 215, CH-4058 Basel (CH). (71) Applicant (for AT only): NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH (AT/AT); Brunner Strasse 59, A-1235 Vienna (AT). (72) Inventors; and (75) Inventors/Applicants (for US only): KUKKOLA, Paivi, Jaana [FI/US]; 6 Bouwrey Place, Whitehouse Station, NJ 08889 (US). ROBINSON, Leslie, Anne [US/US]; 14099 Redcuerdo Street, Del Mar, CA 92014 (US). SAKAKI, Junichi [JP/JP]; 1-4-9-304, Nogami, Takarazuka, Hyogo 665 (JP). NAKAJIMA, Motowo [JP/JP]; 14-8-301, Asahigaoka-cho, Ashiya-shi, Hyogo 659-0012 (JP).		(74) Agent: BECKER, Konrad; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, US, UZ, VN, YU, ZW. 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, 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: SULFONYLAMINO DERIVATIVES WHICH INHIBIT MATRIX-DEGRADING METALLOPROTEINASES		
 (1)		
(57) Abstract Compounds of formula (I) wherein W is -OH or -NHOH; X is an optionally substituted heterocycle, NR₁SO₂R₂, heterocyclialkylthio, CONR₂R₃ or NR₁COR₂; Y, Z, R₁-R₃ and n are as defined in the application. Compounds (I) are inhibitors of matrix-degrading metalloproteinases and are use for the treatment of related conditions.		