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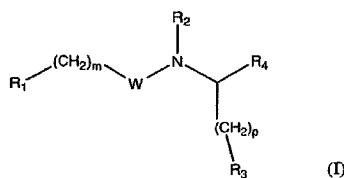
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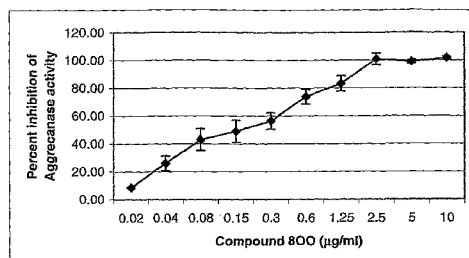
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(54) Title: GLUTAMATE AGGREGANASE INHIBITORS



Inhibition of aggrecan degradation by test compound 800



(57) Abstract: The present invention relates to compounds of the formula (I), which are modulators of metalloproteinase activity, and pharmaceutically acceptable salts thereof, wherein W is -C(O)-, -OC(O)-, -NHC(O)-, -C(O)O-, Or -C(O)NH-; R₁ is phenyl, heteroaryl, biphenyl, bicyclic aryl, tricyclic aryl, bicyclic heteroaryl, or tricyclic heteroaryl, each optionally substituted with one or more of R₅ or R₆, and when R₁ is substituted with more than one of R₅ or R₆, the substituents can be identical or different; R₂ is hydrogen, (C₁-C₆) alkyl, (C₂-C₆) alkenyl, (C₂-C₆) alkynyl, -(CH₂)_nR₁₁, -OH, or -O-(C₁-C₆) alkyl; R₃ is -CO₂H, -CONH₂, -CONHOH, -CONHSO₂R₇, tetrazole, -SO₂NHR₇, -SO₃H, -PO(OH)NH₂, -PO(OH)OR₇, -CONHR₇, -COOR₇, an acid mimetic group, or a 5 or 6-membered heterocycloalkyl or heteroaryl containing 1 to 4 heteroatoms selected from O, N, S; R₄ is -CO₂H, -CONH₂, -(CH₂)_nOR₇, or -CONR₉R₁₀;

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