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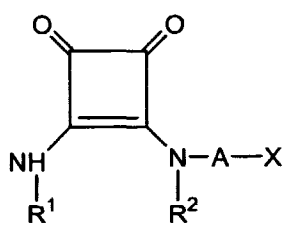
(54) Title: [[2-(AMINO-3,4-DIOXO-1CYCLOBUTEN-1-YL)AMINO]ALKYL]-ACID DERIVATIVES FOR THE TREATMENT OF PAIN



(I)

(57) Abstract: This invention provides a method of treating pain in a mammal that includes administering to a mammal in need of such treatment a pain treating effective amount of a compound of the formula (I): where R^1 is H, alkyl or phenylalkyl; R^2 is H, alkyl, alkenyl or phenylalkyl; or R^1 and R^2 taken together as Z are —CH_2C-H_2—, —$CH_2C(R^6)(R^7)CH_2$— or —$CH_2C(R^8)(R^9)$—$C(R^{10})(R^{11})CH_2$—, where R^6, R^8 and R^{10} are, independently, H, alkyl or hydroxyl and R^7, R^9 and R^{11} are, independently, H or alkyl; A is alkylene or alkenylene; X is CO_2R^3, $P(O)(OR^4)(OR^5)$, 3, 5-dioxo-1,2,4-oxadiazolidin-2-yl or 5-tetrazolyl in which R^3, R^4 and R^5 are, independently, H or alkyl, or a pharmaceutical compositions for treating pain containing a pain treating effective amount of the compound of formula(I).