

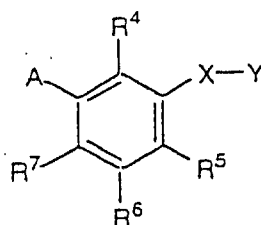
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Phenyl-And Aminophenyl-Alkylsulfonamide And Urea Derivatives

ABSTRACT OF THE DISCLOSURE

The present invention concerns novel compounds represented by the Formula:



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wherein: A is $R^1_q(R^3R^{60}N)_m(Z)(NR^2)_n$; m and q are each 0 or 1, with the proviso that when q is 1, m is 0 and when q is 0, m is 1; Z is C=O or SO₂; n is 1 with the proviso that, when Z is C=O, m is 1; X is -NH-, -CH₂-, or -OCH₂-; Y is 2-imidazoline, 2-oxazoline, 2-thiazoline, or 4-imidazole; R¹ is H, lower alkyl, or phenyl, with the proviso that, when R¹ is H, m is 1; R², R³, R⁶⁰ are each independently H, lower alkyl, or phenyl; R⁴, R⁵, R⁶, and R⁷ are each independently hydrogen, lower alkyl, -CF₃, lower alkoxy, halogen, phenyl, lower alkenyl, hydroxyl, lower alkylsulfonamido, or lower cycloalkyl, wherein R² and R⁷ optionally may be taken together to form alkylene or alkenylene of 2 to 3 atoms in an unsubstituted or optionally substituted 5- or 6-membered ring, wherein the optional substituents on the ring are halo, lower alkyl, or -CN, with the proviso that, when R⁷ is hydroxyl or lower alkylsulfonamido, then X is not -NH- when Y is 2-imidazoline. The compounds include pharmaceutically acceptable salts of the above. In the above formula A may be, for example, (R¹SO₂NR²-), (R³R⁶⁰NSO₂NR²-), or (R³R⁶⁰NCONR²-). The invention also includes the use of the above compounds, and compositions containing them, as alpha_{1A/1L} agonists in the treatment of various disease states such as urinary incontinence, nasal congestion, priapism, depression, anxiety, dementia, senility, Alzheimer's, deficiencies in attentiveness and cognition, and eating disorders such as obesity, bulimia, and anorexia.

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