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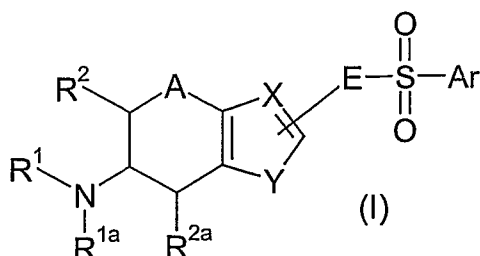
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(54) Title: ARYLSULFONYLMETHYL OR ARYLSULFONAMIDE SUBSTITUTED AROMATIC COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE DOPAMINE D₃ RECEPTOR



fluorinated C₁-C₄-alkyl, fluorinated C₃-C₄-cycloalkyl, or R^{1a} and R² together are (CH₂)_n with n being 2 or 3; R² and R^{2a} are independently of each other H, CH₃, CH₂F, CHF₂ or CF₃; R³ is H or C₁-C₄-alkyl; R⁶, R⁷ independently of each other are selected from H, C₁-C₂-alkyl and fluorinated C₁-C₂-alkyl; and the physiologically tolerated acid addition salts thereof. The invention also relates to the use of a compound of the formula I or a pharmaceutically acceptable salt thereof for preparing a pharmaceutical composition for the treatment of a medical disorder susceptible to treatment with a dopamine D₃ receptor ligand.

(57) Abstract: The present invention relates to aromatic compounds of the formula (I), wherein Ar is phenyl or an aromatic 5- or 6-membered C-bound heteroaromatic radical, wherein Ar may carry 1 radical R^a and wherein Ar may also carry 1 or 2 radicals R^b; X is N or CH; Y is O, S, -CH=N-, -CH=CH- or -N=CH-; A is CH₂, O or S; E is CR⁶R⁷ or NR³; R¹ is C₁-C₄-alkyl, C₃-C₄-cycloalkyl, C₃-C₄-cycloalkylmethyl, C₃-C₄-alkenyl, fluorinated C₁-C₄-alkyl, fluorinated C₃-C₄-cycloalkyl, fluorinated C₃-C₄-cycloalkylmethyl, fluorinated C₃-C₄-alkenyl, formyl or C₁-C₃-alkylcarbonyl; R^{1a} is H, C₂-C₄-alkyl, C₃-C₄-cycloalkyl, C₃-C₄-alkenyl,

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