

Title (en)  
PROPARGYLAMINO INDAN DERIVATIVES AND PROPARGYLAMINO TETRALIN DERIVATIVES AS BRAIN-SELECTIVE MAO INHIBITORS

Title (de)  
PROPARGYLAMINOINDANDERIVATE UND PROPARGYLAMINOTETRALINDERIVATE ALS HIRNSELEKTIVE MAO-INHIBITOREN

Title (fr)  
DERIVES DE PROPARGYLAMINOINDANE ET DERIVES DE PROPARGYLAMINOTETRALINE UTILISES COMME INHIBITEURS DE LA MAO CEREbro-SELECTIFS

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Application  
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Abstract (en)  
[origin: WO03072055A2] The subject invention provides derivatives of propargylamino indan (PAI) and propargylamino tetralin that selectively inhibit monoamine oxidase (MAO) in the brain, having the structure:, wherein R1 is OC (O) R9 and R2 is H, wherein R9 is branched or unbranched C1 to C6 alkyl, aryl, or aralkyl, or R1 is OC (O) R4 and R2 is OC (O) R4, wherein R4 is branched or unbranched C1 to C6 alkyl, aryl, aralkyl or NR5R6, wherein R5 and R6 are each independently H, C1 to C8 alkyl, C6 to C12 aryl, C6 to C12 aralkyl or C6 to C12 cycloalkyl, each optionally substituted; wherein R3 is H or C1 to C6 alkyl; wherein n is 0 or 1; and wherein m is 1 or 2, or a pharmaceutically acceptable salt thereof. Additionally, the subject invention provides methods of treating neurological disorders using these compounds, uses of these compounds for the manufacture of medicaments for treating neurological disorders and processes for synthesis of these compounds.

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