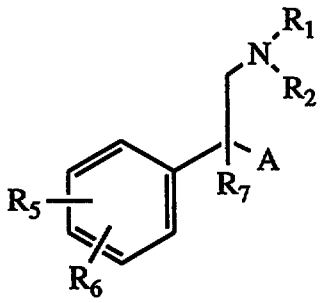
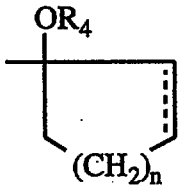
## ABSTRACT

This invention provides use of a compound to manufacture a medicament of inducing cognition enhancement. The compound is a 2-(1-hydroxycycloalkyl or 1-hydroxycycloalkenyl)-2-phenylalkylamine derivative having the formula:



in which A is a moiety of the formula



wherein

the dotted line represents optional unsaturation;

$R_1$ is hydrogen or alkyl;

$R_2$ is alkyl;

$R_4$ is hydrogen, alkyl, formyl, or alkanoyl;

$R_5$ and $R_6$ are, independently, hydrogen, hydroxyl, alkyl, alkoxy, alkanoyloxy, cyano, nitro, alkylmercapto, amino, alkylamino, dialkylamino, alkanamido, halo, trifluoromethyl, or taken together, methylene dioxy;

$R_7$ is hydrogen or alkyl; and

n is 0, 1, 2, 3, or 4;

or a pharmaceutically acceptable salt thereof.

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