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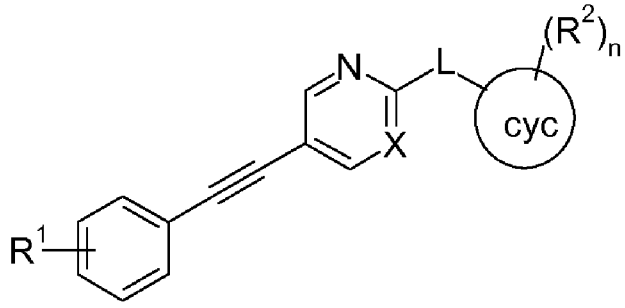
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(54) Title: POSITIVE ALLOSTERIC MODULATORS (PAM)



(I)

(57) Abstract: The present invention relates to phenylethynyl derivatives of formula (I) wherein R^1 is hydrogen, halogen, lower alkyl or lower alkyl substituted by halogen; R^2 is hydrogen, lower alkyl, =O, lower alkoxy, phenyl, hydroxy or lower alkyl substituted by hydroxy; X is N, CF or CH; L is $-NR^3-$, $-NHC(R^3)_2-$, -O-, $-OC(R^3)_2-$, $-CR^4R^{4'}-$; R^3 is hydrogen or lower alkyl; $R^4/R^{4'}$ are independently from each other hydrogen or lower alkyl; cyc is cycloalkyl or heterocycloalkyl, or is a non-aromatic bicycle selected from 7-oxa- bicyclo[2.2.1]hept-1-yl or bicyclo[2.2.1]hept-1-yl; n is 1, 2 or 3; or to a pharmaceutically acceptable acid addition salt, to a racemic mixture, or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has now surprisingly been found that the compounds of general formula I are positive allosteric modulators (PAM) of the metabotropic glutamate receptor subtype 5 (mGluR5). They are useful for the treatment of schizophrenia or cognitive diseases.

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