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The invention relates to the amines, in particular to obtaining the N-[2-(4-fluorophenyl)-1 methyl]-ethyl-N-propynylamine which has the antidepressive action, that could be used in medicine. The purpose of the invention consists in the creation of the new more active compound of this group. The synthesis was happening in the chemical compounds condensation: 4-F-C₆H₄-CH₂-CH(CH₃)-NH-CH₃ and B-R, in which B-is haloid R=CH₂-C≡CH; CH₂-CBr=CH₂.

If the R=CH₂ CBr=CH₂, the obtaining product is exposed to dehydrohaloidiration and the special product is envolved in racement form, L-isomer free or in his salt necessary form. The new compounds was lesser toxic, more active and selective than the inhibiting MAO-B type.