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The invention relates to the amines, in particular to the obtaining process of the N-[2-(4-fluorphenyl)-1 methyl]-ethyl-N-propynylamine in kind of racemate or his L-isomer, and his salts, having the antideprisive action and inhibiting absorbing biogenesis amines, which could be used in medicine. The purpose of the invention consists in creation of a new more active compound of this group. The synthesis was happening in the reaction results of the derivative phenyl isopropyl of general formula:

$$X - CH(CH_3)-CH_2-C=CH-CH=CY-CH=CH,$$

in which X is haloid, tozylate, Y-is fluor, NO_2 with amine of general formula HNR_1R_2, in which R_1 is CH_2-C-CH, hydrogen; R_2 is fluor, methyl.

If R_1 is H, the obtaining product was treated with HCşC-CH_2şBr, if Y-is NO_2, product was reduced and then the obtaining derivative amine is diazotize in the medium of the fluoboric acid with the following degradation of fluoborate diazonium with cupric chloride.

The special product is evolved in racement form, L-isomer or his salt. The components was selective inhibiting of the MAO-B type (tyraminase ferment) inhibited the catecholamine and secondary action absorbtion of the monoamines (for example tyramines) and neurons protection from the toxin and selective acting endogenous (6-OHDA) and exogenous (MTPT) with LD50ş60-64 mg/kg toxicity.