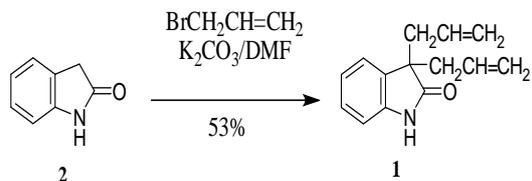


a 2019 0067

The invention relates to pharmaceutical chemistry, namely to a method for the synthesis of a heterocyclic 3,3-diallylindolin-2-one compound, which has psychotropic properties: anticonvulsant and tranquilizing.

Summary of the claimed invention consists in the synthesis of 3,3-diallylindolin-2-one (1) by dialkylation of oxindole (2) with allyl bromide according to the reaction scheme:



The dialkylation reaction takes place at a temperature of 60...65°C for 3...4 hours. After treating the reaction mixture with water, the resulting product is subjected to extraction with a suitable solvent, from which the compound (1) is isolated and purified by known methods.

Claims: 2