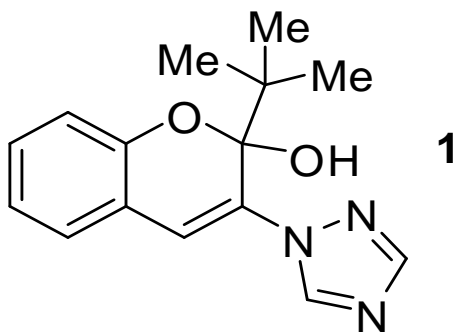


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The invention relates to organic chemistry and can be used in the development of new agents with antifungal activity. Summary of the invention consists in the synthesis and use as an antifungal agent of 2-tert-butyl-3-(1*H*-1,2,4-triazol-1-yl)-2*H*-chromen-2-ol with the formula:



The advantage of the invention lies in the method of condensation of ketone 3,3-dimethyl-1-(1*H*-1,2,4-triazol-1-yl)butan-2-one with salicylic aldehyde in benzene and the catalytic presence of piperidine/acetic acid, which allowed to produce a biologically active compound. The compound thus produced is 7...20 times more active than ketoconazole, against the *Aspergillus fumigatus*, *Aspergillus niger*, *Penicillium ochrochloron* and *Trichoderma viride* fungi.

Claims: 2