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Activity prediction by Cluj-SIMIL program[Ursu, O.](#), [Katona, G.](#), [Diudea, M.V.](#)

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Abstract

A study of similarity in the class of anthranilic acids, with antiinflammatory activity, is presented. Molecular descriptors topological indices were used and similarity search was performed with the aid of Cluj-SIMIL 1.0 program. The novel similarity search algorithm proposed enabled clustering of the structures according to a selected leader as well as quantitative prediction of the studied biological activity.


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