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QSAR/QSPR studies by Cluj and Szeged descriptors
[Katona, G.](#)^a, [Turcu, G.](#)^b, [Kiss, A.A.](#)^b, [Minailiuc, O.M.](#)^a, [Diudea, M.V.](#)^b
^a Research and Production Centre BIOS, Cluj Napoca, Romania^b Babes-Bolyai University, Fac. of Chem. and Chem. Engineering, Cluj Napoca, Romania**Abstract**

The novel Cluj property indices are used for modeling the biological and physico-chemical properties of some sets of organic compounds: the antiviral activity of benzimidazole derivatives, the inhibitory activity of hydroxyureas in the biosynthesis of deoxyribonucleotides and the vapor pressure of some polychlorinated biphenils, involved in environmental pollution. The results are compared to those reported in the literature.

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Revue Roumaine de Chimie

Volume 46, Issue 4, April 2001, Pages 395-410

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