

New method for determination of enthalpy and entropy of the conformation equilibrium in six-membered heterocycles by the ^1H NMR method

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Abstract

A new method was described for determining the enthalpy and entropy of the chair-chair equilibrium in six-membered 1,3-heterocycles by using the vicinal proton-proton constants in the ^1H NMR spectra. The method can serve as an indicator of the existence of additional conformers in the equilibrium. © 1984 Plenum Publishing Corporation.

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