



Dipole moments and conformation of Schiff bases with intramolecular hydrogen bonds.

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Rok wydania

2000

Czasopismo

Journal of Molecular
Structure

Numer woluminu

552

Strony

193-204

DOI

10.1016/S0022-
2860(00)00483-X

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

The dipole moments of series of Schiff bases, which are derivatives of salicylic aldehydes in CCl₄ solution were measured. The influence of the substituents on the conformation of the molecules, the intramolecular hydrogen bond energy and tautomerism were studied by means of semi-empirical PM3, AM1 and ab initio methods.

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Słowa kluczowe

Schiff bases, Dipole moments, Conformations, Proton transfer

Adres publiczny

[https://doi.org/10.1016/S0022-2860\(00\)00483-X](https://doi.org/10.1016/S0022-2860(00)00483-X)

Strona internetowa wydawcy

<http://www.elsevier.com>