

Acid-base equilibria in Mannich bases assessed by UV absorption spectroscopy.

Autorzy

Małgorzata Przesławska

Aleksander Koll

M. Witanowski

Rok wydania

1999

Czasopismo

Journal of Physical Organic
Chemistry

Numer woluminu

12

Strony

486-492

DOI

10.1002/(SICI)1099-
1395(199906)12:6<486::AID-
POC144>3.0.CO;2-3

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

Acid-base equilibria in selected *o*-methyamino-*N*-dialkylphenols in aqueous solutions are discussed. Analysis of the pH dependence of the UV absorption spectra with application of the multi-channel least-squares procedure allows the estimation of some microscopic dissociation constants. Results are discussed on the basis of intramolecular interactions between different substituents in phenol rings and protonation of the methylamino groups in amino acids.

Adres publiczny

[https://doi.org/10.1002/\(SICI\)1099-1395\(199906\)12:6<486::AID-POC144>3.0.CO;2-3](https://doi.org/10.1002/(SICI)1099-1395(199906)12:6<486::AID-POC144>3.0.CO;2-3)

Strona internetowa wydawcy

onlinelibrary.wiley.com