

عنوان مقاله:

Synthesis of Some Disperse Monoazo Dyes Derived from N-Phenyl- 2, 2'- Iminodiethanol and Studding of their Electronic Absorption Spectra in Various Solvents

محل انتشار:

سومین کنگره بین المللی رنگ و پوشش (سال: 1388)

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خلاصه مقاله:

A series of monoazo disperse dyes based on N-phenyl- 2, 2'- iminodiethanol were synthesized using p-substituted anilines as diazo components. These dyes have been characterized by melting points, FT-IR and ¹H NMR spectroscopic methods. The effect of pH variation and solvents' polarity on the absorption spectra (on the basis of different spectroscopic polarity parameter ρ^*) were examined and a meaningful correlation observed. Also, the effects of different substituents with electronwithdrawing and electron-donating groups at their p-position of synthesized dyes .were investigated

کلمات کلیدی:

N-phenyl- 2, 2- iminodiethanol, Disperse dyes, Substituent effect, Solvatochromism

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