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Synthesis and spectral analysis of some new phenolic azo dyes

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Abstract:Series of eight azo dyes were synthesized by diazotization process of eight aromatic amines using NaNO_2 and HCL, and coupling of these diazonium salts with o-nitrophenol. Newly synthesized azo dyes have been confirmed by FT-IR and H^1 NMR spectral data.

Key Words:Azo dyes, diazotization, o-nitrophenol.

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