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Synthesis of Novel Acidic Mono Azo Dyes and an Investigation of Their Use in the Textile Industry

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Abstract: 1,2-hydroxo phenyl azo,8-amino naphthalene, 3,6-disulfonic acid Mono sodium salt (HFANS) and its metal complex with chromium (III) salt (ligand metal ratio 1:1) were synthesized as H-acid derivatives. Having an acidic character these dyes are used for dyeing polyamide and protein fibers. Their properties such as dyeing, wash fastness and color classification were investigated according to international standard methods.



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