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Brominated Xanthene Dyes

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Abstract Xanthene dyes were obtained by condensing polyphenoles like resorcinol, pyrogalol, with intermediates of the anhydride type as naphthalic anhydride, naphthaline 1,4,5,8-tetracarboxilic acid anhydride, 3,4,9,10-perilenetetracarboxilic acid anhydride and brominating resulted compounds. All the compounds have been characterized from the point of view of their physico-chemical properties, and reaction yields have been estimated for each reaction in point.

Keywords: Xanthene dyes, bromine, laser, phenols