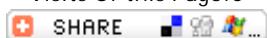




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Research Details :

Research Title	: <u><i>Synthesis and characterization of dyes exemplified by 2-arylidene-1-dicyanomethyleneindane</i></u> <u><i>Synthesis and characterization of dyes exemplified by 2-arylidene-1-dicyanomethyleneindane</i></u>
Descriptipn	: The synthesis of methine dyes formed by Knoevenagel condensation of aromatic aldehydes with 1-dicyanomethylene indane 2 afforded a novel series of dyes absorbing in the region 490-593 nm. Substituents on the aromatic aldehyde moiety have a significant effect on the visible absorption maxima of the dyes; increasing the solvent polarity also had a pronounced effect on the absorption maxima. (C) 1999 Elsevier Science Ltd. All rights reserved.
Research Type	: Article
Research Year	: 1999
Publisher	: DYES AND PIGMENTS Volume: 42 Issue: 3 Pages: 209-213
Added Date	: Saturday, June 14, 2008

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