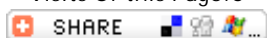




## Research Details :

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Research Title : *Synthesis and photochromic properties of E,E-Bis-alpha-(2,5-dimethyl-3-furyl)ethylide anhydride and its 2-dicyanomethylene derivative*  
*Synthesis and photochromic properties of E,E-Bis-alpha-(2,5-dimethyl-3-furyl)ethylide anhydride and its 2-dicyanomethylene derivative*

Descriptipn : The deep yellow fulgide 6 and its dicyanomethylene 9 underwent a conrotatory ring closure to the colored forms 7 and 10 respectively. The latter compounds revert back to the original forms on exposure to white light. The replacement of the carbonyl group by the dicyanomethylene group resulted in a large bathochromic shift of both the colored and uncolored forms 9 and 10 respectively.

Research Type : Article

Research Year : 1999

Publisher : KUWAIT JOURNAL OF SCIENCE & ENGINEERING Volume: 26 Issue: 2  
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