

***trans*-2-[2-(1-Naphtyl)vinyl]- and *trans*-2-[2-(2-fluorenyl)vinyl]-3-phenyl-3*H*-quinazolin-4-ones: synthesis and photo-physical properties**

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Abstract

Synthesis of novel styrylquinazolinones has been performed by means of transformation of hetero-ring of 2-methyl-3,1-benzoxazin-4-ones under the action of (naphthalin-1-yl)- and (9*H*-fluoren-2-yl)-methylenephnylamines upon heating under reflux in glacial acetic acid in the presence of sodium acetate. Adsorption and fluorescence spectra of compounds obtained have been studied.