



Synthesis of Thiazolinethione-5-Carbaldehydes by Vilsmeier-Haackformylation and transformation into Imines Chromophores

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Abstract: A new series of Schiff bases chromophores containing thiazole, rhodanine and dicyano moiety have been synthesized in four steps by functionalization of the corresponding Δ -4-thiazolinethione 1a-b via Vilsmeier-Haack reaction. The formylation of 1a has afforded to two aldehydes 3a and 3c. The orientation of this electrophilic substitution has been discussed. The structures of these newly compounds have been established on the basis of their analytical and spectral data

Keywords : Thiazolinethione-5-Carbaldehydes, Synthesis, Vilsmeier-Haackformylation, transformation, Imines Chromophores.

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