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New Synthetic Methodology For The Ethyl[2-(2h-Chromene-3yl)-4-Oxo-1,3-Thiazolidin-3-yl)Acetates

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ABSTRACT

2H-3-chromene carbaldehydes react with glycine ethyl ester hydrochloride salt, and mercapto acetic acid in the presence of diisopropylethylamine to give ethyl [2-(2H-chromene-3y1)-4- oxo-1 ,3-thiazolidin-3yl]acetates. The products obtained in good yields and mechanism of this reaction was discussed.

Keywords: 2*H*-3-chromene carbaldehydes, Thiazolidinones, DIPEA, mercapto acetic acid and 2-(2*H*-chromene-3y1)-4- oxo- 1 ,3-thiazolidin-3yl]acetates.