



## A Facile One-Pot Multi-Component Synthesis of (E)-3-(2-((5-(benzylideneamino)-4H-1,2,4-triazole-3-yl)thio)acetyl)-2H-chromen-2-one and its Derivatives

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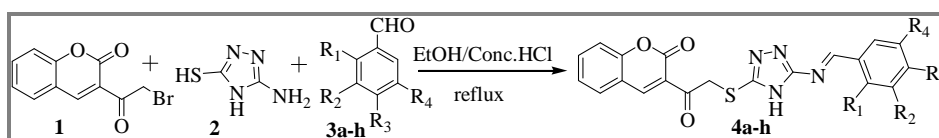
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### ABSTRACT

An efficient one-pot multi-component method for the synthesis of (E)-3-(2-((5-(benzylideneamino)-4H-1,2,4-triazol-3-yl)thio)acetyl)-2H-chromen-2-ones (**4a-f**) have been described with good yields. It has been synthesized from 3-(2-bromo acetyl) chromen-2-ones (**1**) and 5-amino-4H-1,2,4-triazole-3-thiol (**2**), substituted benzaldehydes (**3**) in anhydrous ethanol and Conc. HCl resulted in the formation of title compounds. All the synthesized compounds have been characterized by analytical and spectral data.

### Graphical Abstract



**Keywords:** Coumarin, 1,2,4-Triazoles, Schiff's base, One pot multi-component reaction.