

A one pot synthesis of some new isomeric disubstituted 3-(2-(4-(2, 4-dichlorophenyl) thiazole-2-yl)hydrazono)indolin-2-ones

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ABSTRACT A new series of isomeric disubstituted 3-(2-(4-(2,4-dichlorophenyl)thiazole-2-yl) hydrazono)indolin-2-ones (**4-14**) has been synthesized through one-pot three-component approach. The method involved the reaction of 2,4-dichlorophenacyl chloride (**1**), thiosemicarbazide (**2**), and disubstituted isomeric isatins (**3**) under conventional heating in ethanol-DMF mixture using a catalytic amount of glacial acetic acid.

KEY WORDS 2,4-Dichlorophenacyl chloride, Thiosemicarbazide, Isomeric isatins, One-pot synthesis.

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