



Synthesis of 3,3-Di Indolin-2-One's in Presence of ZrO₂/Sba-15 as an Efficient, Reusable Nano Catalyst

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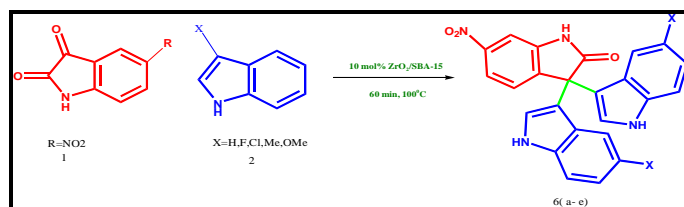
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ABSTRACT

A simple and an efficient, multi component, one pot synthesis has been developed for the synthesis of 3,3-di indolin-2-one's and their derivatives by using reusable, easily separable ZrO₂/SBA-15 nano catalyst. The reaction, with these catalyst was carried out under mild and eco friendly conditions, with good yields of 3,3-di indolin-2-one's. The synthesized 3,3-di indolin-2-one's and their derivatives are characterized by ¹H NMR, ¹³C NMR and Mass spectroscopy.

Graphical Abstract



Model reaction

Keywords: 3,3-di indolin-2-one's, ZrO₂/SBA-15 as an efficient catalyst.