

Green Synthesis of Novel 3-pyrazolyl-4H-1,2,4-triazole Derivatives

Mohadesseh Jafari Farshami*,

1,2,4-triazole are important group of heterocycle and medicl compounds. These compounds are of biological properties such as anti-bacterial, anti-fungal, anti-inflammation, anti-tumor, anti-cancer etc. Different methods and various catalyzers are introduced for these compounds synthesis. A new method is applied to synthesize new derivatives of 3-pyrazolyl-4H-1,2,4-triazole using effective and environment-friendly catalyzers and the catalyzers effect will be studied on the time and yield of the reation.

Keywords : Triazol, 3-pyrazolyl-4H-1,2,4-triazole, Nanocatalyst.

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