

عنوان مقاله:

Synthesis of 2-Amino-4H-chromene Derivatives under Solvent-Free Condition Using MOF-5

محل انتشار:

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خلاصه مقاله:

MOF-5 has been employed as a powerful catalyst for the preparation of 2-amino-4H-chromene. A wide variety of aromatic aldehydes was condensed with malononitrile and 2-naphthol under mild and solvent-free conditions in the presence of the trace amount of catalyst. A variety of 2-amino-4H-chromene can be obtained in good to excellent .yield up to 95% in relatively short time reaction and easy workup

کلمات کلیدی:

MOF-5, Metal organic framework, Solvent-free, 2-Amino-4H-chromenes

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