

عنوان مقاله:

One-Pot Synthesis of Octahydroquinazolinone Derivatives Using MCM-41 in Solvent-Free Condition

محل انتشار:

دومین کنفرانس بین المللی یافته های نوین پژوهشی در شیمی و مهندسی شیمی (سال: 1395)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

MCM-41 has been shown to be an inexpensive, efficient and mild catalyst for the one-pot synthesis of octahydroquinazolinone derivatives using dimedone, urea/thiourea and appropriate aromatic aldehydes under microwave- irradiation. This method provides us several remarkable advantages including short reaction times, high yields, nontoxic reagent and green work-up.

کلمات کلیدی:

Biginelli reaction , Octahydroquinazolinone derivatives, MCM-41, solvent-free conditions

لینک ثابت مقاله در پایگاه سیویلیکا:

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