

عنوان مقاله:

Mesoporous Cu-MCM-41: An efficient catalyst for synthesis of phenol carbamates by direct C-H bond activation

محل انتشار:

دومین کنفرانس ملی ژئولیت ایران (سال: 1394)

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خلاصه مقاله:

Copper catalyzed oxidative coupling reaction of dimethyl formamides with 2-carbonyl-substituted phenols successfully proceeded through direct C-H bond activation of dimethyl formamides. Desired carbamates was formed under microwave condition in excellent yield. In this protocol heterogeneous catalyst was applied for synthesis of carbamates.

کلمات کلیدی:

Oxidation, C-H activation, carbamates, Cu-MCM-41

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