

عنوان مقاله:

Synthesis and Identification of the Copper Salen Composite Stabilized on PMO-IL and its High Performance Study on the Synthesis of Polyhydroquinolin Derivatives

محل انتشار:

پنجمین کنفرانس ملی پژوهش های نوین در شیمی و مهندسی شیمی (سال: 1397)

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خلاصه مقاله:

An efficient salen-Cu @ PMO-IL nanocatalysts has been synthesized by immobilization of Cu (II)-salen on Periodic mesoporous organosilicas and characterized by infrared Fourier transform spectroscopy (FTIR), nitrogen adsorption desorption analysis and Transmission Electron Microscopic (TEM). This catalyst demonstrated highly effective performance for the synthesis of different derivatives of polyhydroquinolines. The reactivity of these catalyst under the reaction conditions have also been investigated

کلمات کلیدی:

copper salen complex, Periodic mesoporous organosilicas, polyhydroquinolines derivative

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