عنوان مقاله:

IMMOBILIZED COBALT CHLORIDE WITHIN NANOREACTORS OF Si-MCM-48 AS SELECTIVE CATALYST FOR EPOXIDATION OF ALKENES

محل انتشار:

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خلاصه مقاله:

It was found that immobilized CoCl2 within nanoreactors of Si-MCM-48 catalyzes the oxidation of 1- octene, styrene, cyclohexene, norbornene, trans-stilbene and trans-2-hexene-1-ol with 35 to 95% conversion and 75 to 100% selectivity to the corresponding epoxides.

کلمات کلیدی:

Si-MCM-48, CoCl2, alkenes, epoxidation