

## عنوان مقاله:

propylamine/molybdate complexes immobilized on core-shell nanostructure magnetic: an efficient and highly stable catalyst

## محل انتشار:

چهارمین کنفرانس بین المللی شیمی و مهندسی شیمی (سال: 1401)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

A novel magnetic nanoparticles is prepared and characterized, then its catalytic application is investigated in the synthesis of tetrahydrobenzo[b]pyrans. The  $Fe_3O_4@SiO_2/Pr-N=Mo[Mo_5O_{18}]$  nanocatalyst was characterized by Fourier-transform infrared spectroscopy (FTIR), and scanning electron microscopy (SEM). This magnetic nanocatalyst exhibited high activity in the synthesis of tetrahydrobenzo[b]pyrans and gave corresponding products in high yield.

## کلمات کلیدی:

magnetic nanoparticles, propylamine/ molybdate, tetrahydrobenzo [b] pyrans

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1600835>

