

عنوان مقاله:

Synthesis of 1,4-dihydropyridine derivatives through Hantzsch reaction catalyzed by benzyltriphenyl phosphonium chloride

محل انتشار:

سومین همایش ملی کاربردهای شیمی در فناوریهای نوین (سال: 1392)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

A simple, efficient and inexpensive one-pot synthesis of 1,4-dihydropyridine derivatives under solvent-free conditions using benzyltriphenyl phosphonium chloride as a catalyst is described.

کلمات کلیدی:

Hantzsch reaction, 1,4-dihydropyridines, benzyltriphenyl phosphonium chloride, solvent-free conditions

لینک ثابت مقاله در پایگاه سیویلیکا:

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