

عنوان مقاله:

One-Pot Synthesis of Functionalized 1,4-Dihydropyridines Catalyzed by Deep Eutectic Solvent

محل انتشار:

بیستمین کنگره شیمی ایران (سال: 1397)

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خلاصه مقاله:

Dihydropyridines (1,4-DHPs) are one of the most wellknown heterocyclic framework, since a large number of-1,4 these molecular buldingblock show interesting pharmacological properties such as, antiangin [1], antiviral [2], and anticancer activities [3]. In this research, deep eutectic solvent (DES) catalyzed for the one-pot four-component synthesis of functionalized 1,4-dihydropyridine derivatives by a condensation of various aldehydes, malononitrile, diethylacetylenedicarboxylate and aniline at room temperature (Scheme 1). This method developed by using an environmentally benign synthetic method along with the use of cost effective catalyst

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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