

عنوان مقاله:

Natural amino acid: an efficient catalyst for multi-component synthesis of 3-substituted-4-arylmethylideneisoxazol-5(4H)-ones

محل انتشار:

هفتمین کنفرانس بین المللی شیمی و مهندسی شیمی (سال: 1399)

تعداد صفحات اصل مقاله: 6

نویسندگان:

Seyyed Ali Zamani - Shahrood University of Technology, Shahrood, Iran

Ali Keivanloo - Shahrood University of Technology, Shahrood, Iran

خلاصه مقاله:

A new green protocol is reported for the synthesis of 3-substituted-4-arylmethylideneisoxazol-5(4H)-ones in the presence of natural amino acids as an efficient and environmentally friendly catalyst under solvent-free conditions. The advantages of this one-pot multi-component procedure are experimental simplicity, easy work-up, and affords desired products with high to excellent yields.

کلمات کلیدی:

Multi-component reaction, Amino acid, Isoxazole, Solvent-free

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1040706>

