

عنوان مقاله:

Novel Synthesis of Functionalized Benzo [۱,۳]selenazin from Isocyanides, Aniline-Acyl isoselenocyanate Adduct

محل انتشار:

هشتمین کنفرانس ملی نوآوری و فناوری علوم زیستی و شیمی ایران (سال: 1403)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

Synthesis of benzo [۱,۳]selenazin derivatives via a one-pot, multicomponent, intramolecular C-H activation reaction from isocyanides, aniline, and acyl isoselenocyanate catalyzed by copper(I) iodide in acetone at room temperature to good yields have been reported. The use of simple and readily available starting materials, mild copper-catalytic reaction conditions, no column chromatography, and good to high yields are important features of this protocol

کلمات کلیدی:

Ultrasound-assisted; Cu-catalyzed; Benzo [۱,۳]selenazin; Isocyanides; Aniline; Acyl isoselenocyanate

لینک ثابت مقاله در پایگاه سیویلیکا:

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