

عنوان مقاله:

Synthesis of Functionalized Quinazolines Derivatives via the Reactions of Isocyanides and Aniline-Trichloroacetonitrile Adduct

محل انتشار:

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

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خلاصه مقاله:

The synthesis of a novel class of substituted quinazolines derivatives via a one-pot, three-component, intramolecular C-H activation reactions of isocyanides and aniline-trichloroacetonitrile adduct catalyzed by copper(I) iodide and L-proline as the ligand in MeCN at room temperature to good yields, has been reported. The use of simple and readily available starting materials, one pot, no column chromatography, mild copper catalytic reaction conditions, and good to high yields, are important features of this protocol

کلمات کلیدی:

C-H Activation; Trichloroacetonitrile; Copper-Catalyzed; Quinazolines; Isocyanides

لینک ثابت مقاله در پایگاه سیویلیکا:

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