

عنوان مقاله:

Synthesis of biologically active compounds: N-cyclohexyl-3-oxo-2-(3-oxo-2-azaspiro[4.5] decan-2-yl)-3-arylpropanamide

محل انتشار:

سومین همایش ملی تکنولوژی های نوین در شیمی، پتروشیمی و نانو ایران (سال: 1395)

تعداد صفحات اصل مقاله: 10

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خلاصه مقاله:

An intermolecular Ugi reaction of 2-(1-(aminomethyl)cyclohexyl)acetic acid (gabapentin) with glyoxal and cyclohexyl isocyanide and tertbutyl isocyanide under mild conditions in ethanol has been developed to produce a novel class of N-cyclohexyl-3-(aryl)-3-oxo-2-(3-oxo-2-azaspiro[4.5]decan-2-yl)propanamide in good to excellent yields. This represents the first report for the intermolecular Ugi three component reactions of gabapentin, glyoxal, and an isocyanide

کلمات کلیدی:

Gabapentin, N-Cyclohexyl-3-(aryl)-3-oxo-2-(3-oxo-2-azaspiro[4.5]decan-2-yl)propanamide, Intermolecular Ugi, four-center

لینک ثابت مقاله در پایگاه سیویلیکا:

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