

عنوان مقاله:

The synthesis, characterization of new ۱,۳,۴-oxadiazoles and oxadiazoline based on ۴-methylcoumarin-۷-yl-oxy-aryl aldehyde-acetohydrazone

محل انتشار:

چهارمین کنگره ملی شیمی و نانوشیمی از پژوهش تا فناوری (سال: 1400)

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خلاصه مقاله:

It is noted that the intensive interest in the chemistry of oxadiazoles is related to their wide biological and pharmaceutical activities, production of electron transporting material, synthesis of organic compounds and other applications. The aim of the present work was to synthesize different coumarinyl based oxadiazoles heterocycles, ۴-methyl-۷-(۴-acetyl-۵-aryl-۴,۵-dihydro-۱,۳,۴-oxadiazole-۷-yl-methoxy) ۲H-chromen-۲-one and ۴-methyl-۷-(۵-aryl-۱,۳,۴-oxadiazole-۷-yl-methoxy)۲H-chromen-۲-one, starting from their hydrazone precursors and to elucidate the structures .via IR and NMR spectroscopy techniques

کلمات کلیدی:

oxadiazole, ۴-methylcoumarin, synthesis, heterocycles

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