

عنوان مقاله:

Synthetic routes toward 2-substituted 2-imidazolines under microwave irradiation

محل انتشار:

همایش منطقه ای شیمی (سال: 1389)

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خلاصه مقاله:

Microwave-assisted organic synthesis (MAOS) has revolutionized organic synthesis. Small molecules can be built in a fraction of the time required by classical thermal methods. As a result, this technique has rapidly gained acceptance as a valuable tool for accelerating drug discovery and development processes. This article outlines the basic principles behind microwave technology and summarizes recent trends and areas in drug discovery where this technology has made an impact. The MAOS method is more effective in synthesizing these compounds than the conventional method (regarding to the higher chemical yields of products (91% to 94%) and the shorter reaction times (7 to 10 minutes

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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