

عنوان مقاله:

Caro s Acid-Silica Gel Catalyzed Regioselective Ring Opening of Epoxides with Indoles and Imidazoles under Solvent-Free Conditions

محل انتشار:

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خلاصه مقاله:

An efficient and facile procedure has been developed for the ring opening of epoxides with nitrogen heterocycles such as indole and imidazole in the presence of Caro s acid-silica gel (CA-SiO₂) as catalyst in solventless system. The reactions were administered underneath Solvent-free conditions. The current methodology offers many benefits like good yields, easy procedure, simple work-up and ecofriendly reaction condition. The catalyst is well ready, stable and economical underneath the reaction conditions.

کلمات کلیدی:

Regioselectivity, Indole, Imidazole, Epoxide, Caro s acid-silica gel

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