

## عنوان مقاله:

Epoxide ring opening by nucleophiles in nitromethane without any catalyst

## محل انتشار:

سومین همایش ملی فن آوری های نوین شیمی و مهندسی شیمی (سال: 1393)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

In this Letter, we describe a mild and efficient method for the nucleophilic ring-opening of epoxides with amines and alcohols in the presence of nitromethane as a polar solvent without using any catalyst. The reactions are highly regioselective and afford the products in excellent yields within a short period of time at room temperature.

## کلمات کلیدی:

Epoxide, Nitromethane, Ring opening, Regioselective

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/283699>

