

Abstract

Various sodium glycidates were prepared by known procedure^{14,26}. The oxidative decarboxylation of the sodium glycidate effected with lead tetraacetate in dry benzene.

The decarboxylation of a series of glycidates derived from cycloalkanone (cyclohexanone) with lead tetraacetate in benzene afforded α, β -unsaturated ketones in good yields. The yields ranged from 70-94%. In case of decarboxylation sodium glycidates derived from arylaldehyde and furfuraldehyde, α -acetoxyketones were obtained in good yields. The yields ranged from 78-100%.

BIOGRAPHY

Name : Mr. Sirichai Panichanun

Date of Birth: September 14, 1954.

Place of Birth: Bangkok, Thailand.

Institutions attended:

Amnuaysilpa School, Bangkok.

1972.....Certificate of M.S. V

Mahidol University, Bangkok.

Department of Chemistry,

Faculty of Science.

1976.....Bachelor of Science.