

Microwave-Assisted Oxidation of Alcohols Using Wet Alumina Supported Ammonium Chlorochromate in Solventless System

Majid M. Heravi* and Maryam M. Aghayan

Chemistry and Chemical Engineering Research Center of Iran. P.O. Box 14335-186, Teheran, Iran. Fax: 0098(21) 803 71 85, E-mail: CCERCI@neda.net.ir

Z. Naturforsch. **54b**, 815–817 (1999); received December 2, 1998

Oxidation, Alcohols, Carbonyl Compounds, Wet Alumina, Solventless System, Ammonium Chlorochromate

A simple and selective method for the oxidation of alcohols to carbonyl compounds is described that occurs on wet alumina supported ammonium chlorochromate under microwave irradiation in solventless system.

* Reprint requests to Prof. Dr. M. M. Heravi.