

Epoxidation of Bicyclo[2.2.1]hept-5-ene-2,3-*endo*- and Exodicarboxylic Acid N-Arylimides

M. S. Salakhov and M. I. Bagmanova

Institute of Polymer Materials, Azerbaidzhanian National Academy of Sciences, Sumgait, 373204 Azerbaidzhan

Received November 22, 2000

Abstract—Epoxidation of *endo*- and *exo*-bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic acid N-arylimides with a solution of peracetic acid in anhydrous dioxane affords 5,6-*exo*-epoxybicycloheptanedicarboxylic acid N-arylimides. The epoxidation reaction is not sensitive to the configuration of the imide fragment, to the character and position of the substituent in the aromatic ring. The reaction is determined only by oxidation conditions.