Synthesis of Esters by Addition of Chloroacetic Acid to Cage-Like Cyclic Olefins

M. K. Mamedov, V. S. Kadyrly, and I. M. Kulieva

Institute of Petrochemical Processes, National Academy of Sciences of Azerbaijan, pr. Khodzhaly 30, Baku, 1025 Azerbaijan e-mail: mamedov markaz@yahoo.com

Received March 17, 2008

Abstract—Thermal addition of chloroacetic acid to bicyclo[2.2.1]hept-2-ene, its 5-alkyl-substituted derivatives, and tricyclo[5.2.1.0^{2,6}]deca-3,8-diene gave the corresponding chloroacetic acid esters which attract interest as potential insecticides for plant protection.

DOI: 10.1134/S1070363209030190