

Synthesis of 4,5-Dichloroisothiazole-3-carboxylic Acid Amides and Esters

N. I. Nechai, E. A. Dikusar, V. I. Potkin, and R. V. Kaberdin

*Institute of Physical Organic Chemistry, National Academy of Sciences of Belarus,
ul. Surganova 13, Minsk, 220072 Belarus
e-mail: potkin@ifoch.bas-net.by*

Received May 16, 2003

Abstract—Previously unknown 4,5-dichloroisothiazole-3-carboxylic acid amides and esters were synthesized by reactions of 4,5-dichloroisothiazole-3-carbonyl chloride with ammonia, heterocyclic and aromatic amines, and functionally substituted alcohols and phenols.