

# Reaction of Reformatsky Reagent Prepared from Methyl 1-Bromocyclohexanecarboxylate and Zinc with Substituted Chalcones

N. F. Kirillov and A. G. Gavrilov

*Perm State University, Perm, 614990 Russia*

Received December 25, 2007

**Abstract**— Methyl 1-bromocyclohexanecarboxylate reacts with zinc and substituted chalcones yielding the corresponding spiro-3,4-dihydropyran-2-one derivatives, 3- aryl-5- aryl-2-oxaspiro[5.5]undec-3-en-1-ones.

**DOI:** 10.1134/S1070428008070051