

Synthesis of Bromsubstituted N-Arylmaleimides and Their Interaction with Benzimidazoles

Natalia M. Rakitina^a, Yuri A. Gesenzwey^a, Konstantin E. Polunin^b, Evgenii V. Polunin^b

^a Institute of Physical Chemistry, Russian Academy of Sciences

Leninskii prosp. 31, 119991 Moscow, Russia

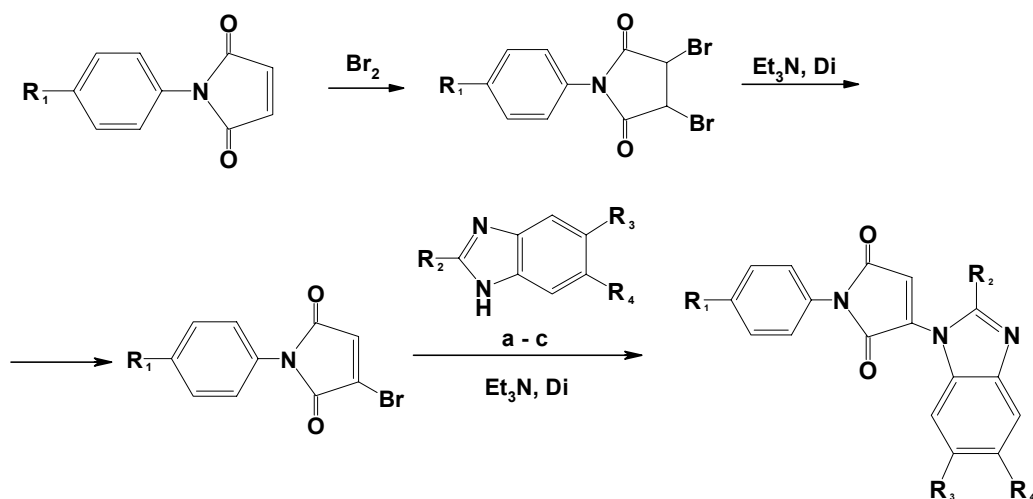
e-mail: yuriku@rambler.ru

^b N.D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences

Leninskii prosp. 47, Moscow, Russia

e-mail: polunin-507@yandex.ru

Bromsubstituted N-arylmaleimides have been synthesized. The following reaction of the obtained products with benzimidazoles delivered final products with more then 90% yield.



R₁ = H, OCH₃, COOCH₃, COOC₂H₅, Cl, Br, F

a. R₂=R₃=R₄=H

b. R₂=CH₃, R₃=R₄=H

c. R₂=H, R₃=R₄=CH₃