

Synthesis of 4,7-Phenanthroline Derivatives by Condensation of Arylmethylene(6-quinolyl)amines with Hydroxy- and Nitro-substituted Acetophenone

K. N. Gusak and N. G. Kozlov

Institute of Physical Organic Chemistry, National Academy of Sciences of Belarus, Minsk, Belarus

Received July 9, 2001

Abstract - Condensation of arylmethylene(6-quinolyl)amines with hydroxy- and nitro-substituted acetophenones was used to synthesize 1,3-diaryl-4,7-phenanthrolines containing hydroxy and nitro groups in the phenyl rings.