

Transformations of 3-Alkyl-4-(methoxyphenyl)-1*H*-pyrazole-5-diazonium Salts

V. V. Didenko, V. A. Voronkova, and Kh. S. Shikhaliev

Voronezh State University, Voronezh, 394006 Russia
e-mail: chod261@chem.vsu.ru

Received January 9, 2008

Abstract—The coupling of 3-alkyl-4-(methoxyphenyl)-1*H*-pyrazole-5-diazonium salts with acetylacetone followed by cyclization of the formed heterylhydrazones resulted in pyrazolo[5,1-*c*][1,2,4]triazines. The 4-(3,4-dimethoxyphenyl)-3-methyl-1*H*-pyrazole-5-diazonium salt was not involved into a similar reaction but suffered an intramolecular azo coupling giving pyrazolo[3,4-*c*]-cinnoline.

DOI: 10.1134/S1070428009020092