

Turkish Journal of Chemistry


Turkish Journal

of

Chemistry

Synthesis and Some Reactions of 4-Benzoyl-5-Phenyl-1-Pyridin-2-yl-1H- Pyrazole-3-Carboxylic Acid

Ahmet ŞENER, Esvet AKBAŞ, M. Kasım ŞENER
Yüzüncü Yıl University, Art and Science Faculty, Chemistry Department,
65080 Van-TURKEY
e-mail: asener2001@yahoo.com

 [Keywords](#)
 [Authors](#)

Abstract: The 1H-pyrazole-3-carboxylic acid 2, obtained from the furandione 1 and 2-hydrazinopyridine, was decarboxylated to give 4-benzoyl-5-phenyl-1-pyridin-2-yl-pyrazole derivative 3. Some ester 4 derivatives of 2 were prepared by the Fischer esterification reactions of 2 with various alcohols. Cyclocondensation reactions of 2 with phenyl hydrazine or hydrazine hydrate led to the formation of derivatives of pyrazolo[3,4-d]pyridazine 5 derivatives.



Key Words: Cyclic oxalyl compounds, Pyrazole, Pyrazolo [3,4-d] Pyridazinone

chem@tubitak.gov.tr

[Scientific Journals Home Page](#)

Turk. J. Chem., **28**, (2004), 271-278.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem.,vol.28,iss.3.](#)