

# Turkish Journal of Chemistry

Turkish Journal

of

Chemistry

Reactions of 4-Amino-4,5-Dihydro-1H-1,2,4-Triazol-5-ones and 4-Amino-4H-1,2,4-Triazoles with Some Carboxylic Acid Anhydrides

Şule BAHÇEÇİ

Karadeniz Technical University

Fatih Education Faculty, 61335 Trabzon - TURKEY

Nurhan İNCE and Aysun İKİZLER

Karadeniz Technical University

Department of Chemistry, 61080 Trabzon - TURKEY

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



[chem@tubitak.gov.tr](mailto:chem@tubitak.gov.tr)

[Scientific Journals Home Page](#)

**Abstract:** 3-Alkyl(Aryl)-4-tetrachlorophthalimido-4,5-dihydro-1H-1,2,4-triazol-5-ones (2) and 3-alkyl(aryl)-4-(1,8-naphthalimido)-4,5-dihydro-1H-1,2,4-triazol-5-ones (3) were synthesized from the reactions of 3-alkyl(aryl)-4-amino-4,5-dihydro-1H-1,2,4-triazol-5-ones (1) with tetrachlorophthalic anhydride and 1,8-naphthalic anhydride, respectively. In addition, the reactions of 4-amino-4H-1,2,4-triazoles (4) with succinic anhydride and phthalic anhydride were studied.

Turk. J. Chem., **22**, (1998), 237-242.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem.,vol.22,iss.3.](#)