

Reaction of 2-acetyl-3-methoxy-5-methyldiazaphospholine with p-toluenesulfonyl azide

Arbuzov B., Dianova E., Zabolina E.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Tosyl azide reacts with 2-acetyl-3-methoxy-5-methyldiazaphospholine to give an iminodiazaphospholine that is stable as a solid, while in solutions, depending on the nature of the solvent and the temperature, it changes to the tautomer with an NH bond and the dimer. The equilibrium interconversion of these three forms was shown on the basis of the IR and ^{31}P NMR spectra. © 1982 Plenum Publishing Corporation.

<http://dx.doi.org/10.1007/BF01094661>
