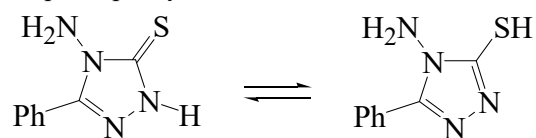




>>Entry Name: 4-Amino-2,4-dihydro-5-phenyl-3*H*-1,2,4-triazole-3-thione, 9Cl

Synonym(s): 4-Amino-5-phenyl-1,2,4-triazole-3-thiol. 3-Mercapto-5-phenyl-1,2,4-triazol-4-amine



CAS Registry Number: 22706-11-2

Molecular Formula: C₈H₈N₄S

Molecular Weight: 192.244

Accurate Mass: 192.046966

Percentage Composition: C 49.98%; H 4.19%; N 29.14%; S 16.68%

General Statement: Occurs as thione form in solid state

Physical Description: Cryst. (EtOH)

Melting Point: Mp 210°

References:

Artemov, V.N. *et al.*, *Khim. Geterotsikl. Soedin.*, 1971, 905-909; *Chem. Heterocycl. Compd. (Engl. Transl.)*, 1971, 844-848, (*synth*)

Reid, J.R.R. *et al.*, *J. Het. Chem.*, 1976, **13**, 925-926, (*synth*)

Postovskii, I.Ya. *et al.*, *Khim. Geterotsikl. Soedin.*, 1977, 1564-1568; *Chem. Heterocycl. Compd. (Engl. Transl.)*, 1977, 1253-1256, (*synth, ir*)

Weng, N.S., *Acta Cryst. C*, 1992, **48**, 2224-2225, (*cryst struct*)

Invidiata, F.P. *et al.*, *J. Het. Chem.*, 1997, **34**, 1255-1258, (*synth, ir, pmr, cmr*)