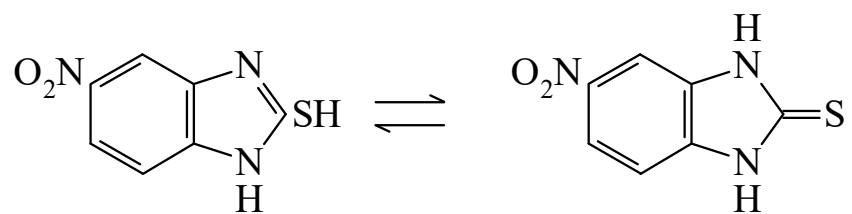




>>Entry Name: 2-Mercapto-5-nitrobenzimidazole

Synonym(s): 1,3-Dihydro-5-nitro-2*H*-benzimidazole-2-thione, 9Cl. 5-Nitro-1*H*-benzimidazole-2-thiol



CAS Registry Number: 6325-91-3

Related CAS Registry Numbers(s): 2360-38-5

Molecular Formula: C₇H₅N₃O₂S

Molecular Weight: 195.201

Accurate Mass: 195.010247

Percentage Composition: C 43.07%; H 2.58%; N 21.53%; O 16.39%; S 16.43%

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 280-281°

Aldrich: 26357-5

Sigma: M0272

References:

Harrison, D. *et al.*, *J.C.S.(B)*, 1967, 14, (*ir, tautom*)

Singh, S.P. *et al.*, *J. Het. Chem.*, 1977, **14**, 1093, (*synth*)

Uchida, M. *et al.*, *Chem. Pharm. Bull.*, 1989, **37**, 1517, (*synth*)