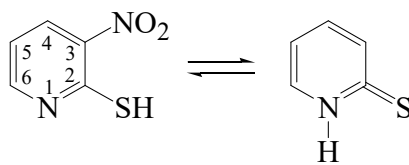




>>Entry Name: **2-Mercapto-3-nitropyridine**

Synonym(s): 3-Nitro-2(1*H*)-pyridinethione. 3-Nitro-2-pyridinethiol



Molecular Formula: C₅H₄N₂O₂S

Molecular Weight: 156.165

Accurate Mass: 155.999348

Percentage Composition: C 38.46%; H 2.58%; N 17.94%; O 20.49%; S 20.53%

Physical Description: Bright orange needles (MeOH)

Melting Point: Mp 172-174°

>>Derivative: S-Benzyl

CAS Registry Number: 69212-31-3

Molecular Formula: C₁₂H₁₀N₂O₂S

Molecular Weight: 246.289

Accurate Mass: 246.046298

Percentage Composition: C 58.52%; H 4.09%; N 11.37%; O 12.99%; S 13.02%

Physical Description: Yellow cryst. (MeOH)

Melting Point: Mp 67-69°

Aldrich: 43174-5

References:

Bradsher, C.K. *et al.*, *J. Het. Chem.*, 1966, **3**, 27, (*synth*)

Krowicki, K. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1978, **52**, 2039, (*synth, derivs*)