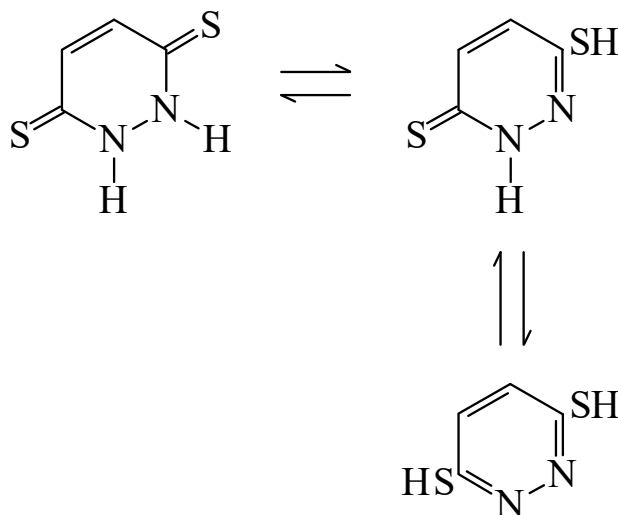




>>Entry Name: 3,6-Pyridazinedithiol

Synonym(s): 1,2-Dihydro-3,6-pyridazinedithione, 9CI. 3-Mercapto-6(1*H*)-pyridazinethione. 3,6-Dimercaptopyridazine



CAS Registry Number: 1445-58-5

Molecular Formula: C₄H₄N₂S₂

Molecular Weight: 144.221

Accurate Mass: 143.981588

Percentage Composition: C 33.31%; H 2.80%; N 19.42%; S 44.47%

Melting Point: Mp 230 dec.°

Other Data: Also reported with double Mp 190° and 246° dec.

>>Derivative: S-Ac

Molecular Formula: C₆H₆N₂OS₂

Molecular Weight: 186.258

Accurate Mass: 185.992153

Percentage Composition: C 38.69%; H 3.25%; N 15.04%; O 8.59%; S 34.43%

Melting Point: Mp 152-153°

>>Derivative: S,S'-Di-Ac

Molecular Formula: C₈H₈N₂O₂S₂

Molecular Weight: 228.295

Accurate Mass: 228.002718

Percentage Composition: C 42.09%; H 3.53%; N 12.27%; O 14.02%; S 28.09%

Melting Point: Mp 123-124°

>>Derivative: 1,S-Di-Me

Synonym(s): 2-Methyl-6-(methylthio)-3(2*H*)-pyridazinethione, 9CI

CAS Registry Number: 54320-90-0

Molecular Formula: C₆H₈N₂S₂

Molecular Weight: 172.275

Accurate Mass: 172.012888

Percentage Composition: C 41.83%; H 4.68%; N 16.26%; S 37.23%

Melting Point: Mp 86-87° (73-74°)

>>Derivative: Di-S-Me

Synonym(s): 3,6-Bis(methylthio)pyridazine

CAS Registry Number: 37813-54-0

Molecular Formula: C₆H₈N₂S₂

Molecular Weight: 172.275

Accurate Mass: 172.012888

Percentage Composition: C 41.83%; H 4.68%; N 16.26%; S 37.23%

Physical Description: Needles (hexane)

Melting Point: Mp 125-126.5°