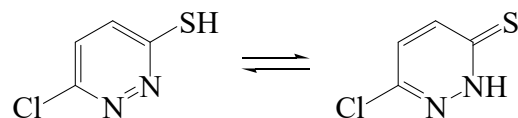




>>Entry Name: **3-Chloro-6-mercaptopyridazine**

Synonym(s): 6-Chloro-3-pyridazinethiol, 8Cl. 6-Chloro-3(2*H*)-pyridazinethione, 9Cl. 3-Chloro-6(1*H*)-pyridazinethione



CAS Registry Number: 3916-78-7

Molecular Formula: C₄H₃ClN₂S

Molecular Weight: 146.6

Accurate Mass: 145.970545

Percentage Composition: C 32.77%; H 2.06%; Cl 24.18%; N 19.11%; S 21.87%

Physical Description: Golden needles (C₆H₆)

Melting Point: Mp 136-138° (dec.). Mp 150°

Other: MG: Z1362

>>Variant: *SH*-form

Molecular Formula: C₄H₃ClN₂S

Molecular Weight: 146.6

Accurate Mass: 145.970545

Percentage Composition: C 32.77%; H 2.06%; Cl 24.18%; N 19.11%; S 21.87%

>>Derivative: *S*-Me

Synonym(s): 3-Chloro-6-(methylthio)pyridazine

CAS Registry Number: 7145-61-1

Molecular Formula: C₅H₅ClN₂S

Molecular Weight: 160.627

Accurate Mass: 159.986195

Percentage Composition: C 37.39%; H 3.14%; Cl 22.07%; N 17.44%; S 19.96%

Physical Description: Columns (C₆H₆)

Melting Point: Mp 102°

>>Derivative: *S*-Me, *S,S*-dioxide

Synonym(s): 3-Chloro-6-(methylsulfonyl)pyridazine

CAS Registry Number: 7145-62-2

Molecular Formula: C₅H₅ClN₂O₂S

Molecular Weight: 192.625

Accurate Mass: 191.976025

Percentage Composition: C 31.18%; H 2.62%; Cl 18.40%; N 14.54%; O 16.61%; S 16.65%

Physical Description: Needles (EtOH)

Melting Point: Mp 118-120°

>>Derivative: *S*-Et

Synonym(s): 3-Chloro-6-(ethylthio)pyridazine

CAS Registry Number: 62645-42-5

Molecular Formula: C₆H₇ClN₂S

Molecular Weight: 174.653

Accurate Mass: 174.001845

Percentage Composition: C 41.26%; H 4.04%; Cl 20.30%; N 16.04%; S 18.36%

Melting Point: Mp 65°

>>Derivative: *S*-Isopropyl

CAS Registry Number: 66089-81-4

Molecular Formula: C₇H₉ClN₂S

Molecular Weight: 188.68

Accurate Mass: 188.017495

Percentage Composition: C 44.56%; H 4.81%; Cl 18.79%; N 14.85%; S 16.99%

Melting Point: Mp 61°