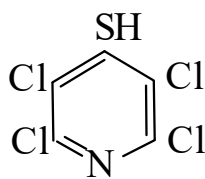




>>Entry Name: 2,3,5,6-Tetrachloro-4-pyridinethiol

Synonym(s): 2,3,5,6-Tetrachloro-4-mercaptopyridine. 2,3,5,6-Tetrachloro-4(1H)-pyridinethione



CAS Registry Number: 10351-06-1

Molecular Formula: C₅HCl₄NS

Molecular Weight: 248.946

Accurate Mass: 246.858377

Percentage Composition: C 24.12%; H 0.40%; Cl 56.96%; N 5.63%; S 12.88%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 165-166°

Aldrich: 32415-9

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

Synonym(s): 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine

CAS Registry Number: 13108-52-6

Molecular Formula: C₆H₃Cl₄NO₂S

Molecular Weight: 294.972

Accurate Mass: 292.863857

Percentage Composition: C 24.43%; H 1.03%; Cl 48.08%; N 4.75%; O 10.85%; S 10.87%

Use/Importance: Fungicide

Melting Point: Mp 138-140°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 284B, (*nmr*)

U.K. Pat., 1966, 1 103 606; *CA*, **65**, 15338h, (*S-Me S,S-dioxide, synth, use*)

Ager, E. *et al.*, *J.C.S.(C)*, 1970, 193, (*synth*)

Iddon, B. *et al.*, *J.C.S. Perkin 1*, 1974, 2307, (*tautom, S-Me S,S-dioxide, cmr*)