



CAS Registry Number: 29914-17-8
Molecular Formula: C₂H₄N₄S
Molecular Weight: 116.146
Accurate Mass: 116.015666
Percentage Composition: C 20.68%; H 3.47%; N 48.24%; S 27.61%
Physical Description: Prisms (dioxan)
Melting Point: Mp 144-146°. Mp 151 dec.°

>>**Derivative:** S-Me, 1-Ph
Synonym(s): 5-(Methylthio)-1-phenyl-1*H*-tetrazole

CAS Registry Number: 1455-92-1
Molecular Formula: C₈H₈N₄S
Molecular Weight: 192.244
Accurate Mass: 192.046966
Percentage Composition: C 49.98%; H 4.19%; N 29.14%; S 16.68%
Physical Description: Plates (EtOH)
Melting Point: Mp 78.5-80°. Mp 84°

>>**Derivative:** S-Et
Synonym(s): 5-(Ethylthio)tetrazole

CAS Registry Number: 89797-68-2
Molecular Formula: C₃H₆N₄S
Molecular Weight: 130.173
Accurate Mass: 130.031316
Percentage Composition: C 27.68%; H 4.65%; N 43.04%; S 24.63%
Physical Description: Plates (toluene)
Melting Point: Mp 86-88°
Other: Oakwood 2927

>>**Derivative:** S-Ph
Synonym(s): 5-(Phenylthio)tetrazole

CAS Registry Number: 28986-48-3
Molecular Formula: C₇H₆N₄S
Molecular Weight: 178.217
Accurate Mass: 178.031316
Percentage Composition: C 47.18%; H 3.39%; N 31.44%; S 17.99%
Physical Description: Prisms (toluene)
Melting Point: Mp 92-93°

References:

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