



CAS Registry Number: 5422-44-6
Molecular Formula: C₂H₅N₅
Molecular Weight: 99.095
Accurate Mass: 99.054495
Percentage Composition: C 24.24%; H 5.09%; N 70.67%
Physical Description: Needles (H₂O or CHCl₃)
Melting Point: Mp 226° (220-223°)
Rare Chemicals Library: S1474-6

>>Derivative: 1,5-*N*-Di-Me
Synonym(s): 1-Methyl-5-(methylamino)-1*H*-tetrazole

CAS Registry Number: 17267-51-5
Molecular Formula: C₃H₇N₅
Molecular Weight: 113.122
Accurate Mass: 113.070145
Percentage Composition: C 31.85%; H 6.24%; N 61.91%
Physical Description: Flat needles (EtOH)
Melting Point: Mp 173-174°

>>Derivative: 5-*N*-Me
Synonym(s): 5-(Methylamino)-1*H*-tetrazole

CAS Registry Number: 53010-03-0
Molecular Formula: C₂H₅N₅
Molecular Weight: 99.095
Accurate Mass: 99.054495
Percentage Composition: C 24.24%; H 5.09%; N 70.67%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 185°

>>Derivative: 5-*N*-Et
Synonym(s): 5-Ethylamino-1*H*-tetrazole

Molecular Formula: C₃H₇N₅
Molecular Weight: 113.122
Accurate Mass: 113.070145
Percentage Composition: C 31.85%; H 6.24%; N 61.91%
Physical Description: Cryst. (MeCN)
Melting Point: Mp 174-175°

>>Derivative: 1-Benzyl
Synonym(s): 1-(Phenylmethyl)-1*H*-tetrazol-5-amine, 9Cl. 5-Amino-1-benzyl-1*H*-tetrazole

CAS Registry Number: 31694-90-3
Molecular Formula: C₈H₉N₅
Molecular Weight: 175.193
Accurate Mass: 175.085795
Percentage Composition: C 54.85%; H 5.18%; N 39.98%
Physical Description: Cryst. (2-propanol)
Melting Point: Mp 187-189°

>>Derivative: 1-Benzyl, 5-*N*-Me
Synonym(s): 1-Benzyl-5-(methylamino)-1*H*-tetrazole

CAS Registry Number: 53010-00-7
Molecular Formula: C₉H₁₁N₅
Molecular Weight: 189.219
Accurate Mass: 189.101445
Percentage Composition: C 57.13%; H 5.86%; N 37.01%
Physical Description: Needles (EtOH)
Melting Point: Mp 117-118°