



Accurate Mass: 565.137497
Percentage Composition: C 53.08%; H 5.52%; N 7.43%; O 16.97%; S 17.00%
Physical Description: Cryst. (DMF aq.)
Melting Point: Mp 176-177°

>>Derivative: *N*-Me

Synonym(s): *N*-(2-Aminoethyl)-*N'*-methyl-1,2-ethanediamine, 9Cl

CAS Registry Number: 34066-95-0
Molecular Formula: C₅H₁₅N₃
Molecular Weight: 117.194
Accurate Mass: 117.126597
Percentage Composition: C 51.24%; H 12.90%; N 35.86%
Boiling Point: Bp₃ 62°
Other: PB M15911

>>Derivative: *N'*-Me

Synonym(s): *N*-(2-Aminoethyl)-*N*-methyl-1,2-ethanediamine, 9Cl

CAS Registry Number: 4097-88-5
Molecular Formula: C₅H₁₅N₃
Molecular Weight: 117.194
Accurate Mass: 117.126597
Percentage Composition: C 51.24%; H 12.90%; N 35.86%
Physical Description: Oil
Boiling Point: Bp₁₁ 92-94°
Fluka: 66615

>>Derivative: *N,N'*-Di-Me

Synonym(s): *N*-Methyl-*N'*-[2-(methylamino)ethyl]-1,2-ethanediamine, 9Cl. 1,7-Dimethyldiethylenetriamine, 8Cl. 2,5,8-Triazanonane

CAS Registry Number: 4432-89-7
Molecular Formula: C₆H₁₇N₃
Molecular Weight: 131.22
Accurate Mass: 131.142247
Percentage Composition: C 54.92%; H 13.06%; N 32.02%

>>Derivative: *N,N'*-Di-Me; hydrochloride (1:3)

CAS Registry Number: 91772-87-1
Melting Point: Mp 277 dec.°

>>Derivative: *N',N''*-Di-Me; hydrobromide (1:3)

Physical Description: Cryst. (MeOH/H₂O/HBr)
Melting Point: Mp 250-252°

>>Derivative: *N,N,N',N'',N'''*-Penta-Me

Synonym(s): Pentamethylene diethylenetriamine

CAS Registry Number: 3030-47-5
Molecular Formula: C₉H₂₃N₃
Molecular Weight: 173.301
Accurate Mass: 173.189197
Percentage Composition: C 62.38%; H 13.38%; N 24.25%
Use/Importance: Ligand used in nmr studies
Melting Point: Mp -20°
Boiling Point: Bp 198°

Aldrich: 36949-7
Fluka: 76828
Rare Chemicals Library: S60098-9