



>>Derivative: Di-Et acetal

Synonym(s): 2,2-Diethoxyethanamine, 9CI. 2,2-Diethoxyethylamine. Aminoacetal

CAS Registry Number: 645-36-3

Molecular Formula: $C_6H_{15}NO_2$

Molecular Weight: 133.19

Accurate Mass: 133.110279

Percentage Composition: C 54.11%; H 11.35%; N 10.52%; O 24.02%

Boiling Point: Bp 163°

Solubility: Sol. H_2O , EtOH, Et_2O , $CHCl_3$

Other Data: Steam-volatile. Alkaline reaction

Aldrich: A3720-0

Fluka: 6570

Sigma: A4898

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

Synonym(s): 2,2-Dimethoxy-*N*-methylethanamine, 9CI. 1,1-Dimethoxy-2-methylaminoethane

CAS Registry Number: 122-07-6

Molecular Formula: $C_5H_{13}NO_2$

Molecular Weight: 119.163

Accurate Mass: 119.094629

Percentage Composition: C 50.40%; H 11.00%; N 11.75%; O 26.85%

Physical Description: Oil

Boiling Point: Bp 140°

Aldrich: M2800-6

Fluka: 65610

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

CAS Registry Number: 5929-11-3

Molecular Formula: $C_4H_{10}N_2O$

Molecular Weight: 102.136

Accurate Mass: 102.079313

Percentage Composition: C 47.04%; H 9.87%; N 27.43%; O 15.66%

Boiling Point: Bp_{18.5} 105-106° (lit. gives a pressure range)

>>Derivative: *N,N*-Di-Me, oxime; hydrochloride

Melting Point: Mp 92-93°