>>**Entry Name: *N,N*-Dimethylethylenediamine,** 8CI
Synonym(s): *N,N*-Dimethyl-1,2-ethanediamine, 9CI. β-Dimethylaminoethylamine

CAS Registry Number: 108-00-9
$Me_2NCH_2CH_2NH_2$

Molecular Formula: $C_4H_{12}N_2$
Molecular Weight: 88.152
Accurate Mass: 88.100048
Percentage Composition: C 54.50%; H 13.72%; N 31.78%
Boiling Point: Bp 107°

Aldrich: D15800-3
Fluka: 39030

>>**Derivative:** Hydrochloride (1:2)

Physical Description: Hygroscopic solid
Melting Point: Mp 160°

>>**Derivative:** Dipicrate

Melting Point: Mp 228°

>>**Derivative:** Phenylthiourethane

Melting Point: Mp 83°

>>**Derivative:** *N*-Et

CAS Registry Number: 123-83-1
Molecular Formula: $C_6H_{16}N_2$
Molecular Weight: 116.206
Accurate Mass: 116.131348
Percentage Composition: C 62.02%; H 13.88%; N 24.11%
Boiling Point: Bp 134-135°
Aldrich: 12698-5

>>**Derivative:** *N*-Benzyl

CAS Registry Number: 103-55-9
Molecular Formula: $C_{11}H_{18}N_2$
Molecular Weight: 178.277
Accurate Mass: 178.146998
Percentage Composition: C 74.11%; H 10.18%; N 15.71%
Boiling Point: Bp_{11} 122-124°
Aldrich: 12719-1

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