>>**Entry Name: Diisopropylamine,** 8CI
Synonym(s): *N*-(1-Methylethyl)-2-propanamine, 9CI

CAS Registry Number: 108-18-9
$(H_3C)_2CHNHCH(CH_3)_2$

Molecular Formula: $C_6H_{15}N$
Molecular Weight: 101.191
Accurate Mass: 101.120449
Percentage Composition: C 71.22%; H 14.94%; N 13.84%
Physical Description: Liq.
Boiling Point: Bp 84°
Density: d^{22} 0.722
Hazard & Toxicity: Highly flammable, fl. p. –7°, autoignition temp. 316°. Eye, skin and respiratory tract irritant. LD_{50} (rat, orl) 770 mg/kg. OES: long-term 5 ppm (Sk)

Aldrich: 47122-4
Fluka: 38300
Sigma: D3022

>>**Derivative:** Hydrochloride

CAS Registry Number: 819-79-4
Physical Description: Needles ($MeOH/Et_2O$)
Melting Point: Mp 211.5-213°

Aldrich: 41646-0
Rare Chemicals Library: S64150-2

>>**Derivative:** *N*-Me
Synonym(s): Diisopropylmethylamine

CAS Registry Number: 10342-97-9
Molecular Formula: $C_7H_{17}N$
Molecular Weight: 115.218
Accurate Mass: 115.136099
Percentage Composition: C 72.97%; H 14.87%; N 12.16%
Physical Description: Liq.
Boiling Point: Bp 111°. Bp_{90} 50°
Fluka: 38431

>>**Derivative:** *N*-Et
see Ethyldiisopropylamine, DMN28-L

>>**Derivative:** *N*-Ph
see *N*-Isopropylaniline, DTC83-S

>>**Derivative:** *N*-Nitroso
Synonym(s): *N*-(1-Methylethyl)-*N*-nitroso-2-propanamine, 9CI. *N*-Nitrosodiisopropylamine

CAS Registry Number: 601-77-4
Molecular Formula: $C_6H_{14}N_2O$
Molecular Weight: 130.189
Accurate Mass: 130.110613
Percentage Composition: C 55.35%; H 10.84%; N 21.52%; O 12.29%
Physical Description: Cryst. (Et_2O)
Melting Point: Mp 46°
Boiling Point: Bp 194.5°

>>**Derivative:** Li deriv.
see Lithium diisopropylamide, HQV04-J

References: