CAS Registry Number: 109-83-1

Molecular Formula: C_3H_9NO
Molecular Weight: 75.11
Accurate Mass: 75.068414
Percentage Composition: C 47.97%; H 12.08%; N 18.65%; O 21.30%
Biological Source: *In vivo* precursor of Choline
Physical Description: Strongly basic liq. with fishy odour
Boiling Point: Bp 155-156°. Bp_5 115-118°
Solubility: Misc. H_2O, EtOH, Et_2O
Density: d_4^{20}0.94
Hazard & Toxicity: Corrosive and irritating to skin, eyes and mucous membranes. LD_{50} (rat, orl) 2340 mg/kg

Aldrich: 47144-5
Fluka: 65630
Sigma: M9388

>>**Derivative:** *N*-Me, picrate

Melting Point: Mp 148-150°

>>**Derivative:** *N*,*N*-Di-Me
see 2-(Dimethylamino)ethanol, HJH12-V

>>**Derivative:** *N*-Et
Synonym(s): 2-Ethylaminoethanol. 2-Hydroxydiethylamine

CAS Registry Number: 110-73-6
Molecular Formula: $C_4H_{11}NO$
Molecular Weight: 89.137
Accurate Mass: 89.084064
Percentage Composition: C 53.90%; H 12.44%; N 15.71%; O 17.95%
Use/Importance: Corrosion inhibitor
Biological Use/Importance: Fungicide, has antifertility props.
Physical Description: Oily liq. with faint odour, fumes in air
Boiling Point: Bp 169-170°. Bp_{15} 75-76°
Solubility: Sol. H_2O
Other Data: Spar. steam-volatile
Hazard & Toxicity: Eye and skin irritant. LD_{50} (rat, orl) 1000 mg/kg. LD_{50} (rbt, skn) 360 mg/kg

Aldrich: 24114-8
Fluka: 2980

>>**Derivative:** *N*-Et, picrate

Physical Description: Yellow monoclinic prisms (EtOH)
Melting Point: Mp 125-126°

>>**Derivative:** *N*,*N*-Di-Et
Synonym(s): 2-Diethylaminoethanol, 9CI. 2-Hydroxytriethylamine

CAS Registry Number: 100-37-8
Molecular Formula: $C_6H_{15}NO$
Molecular Weight: 117.191
Accurate Mass: 117.115364
Percentage Composition: C 61.49%; H 12.90%; N 11.95%; O 13.65%
Boiling Point: Bp 163°. Bp_{35} 75°
Solubility: Sol. H_2O
Hazard & Toxicity: Skin and severe eye irritant. Adverse gastrointestinal effects by inhalation. LD_{50} (rat, orl) 1300 mg/kg. LD_{50} (gpg, skn) 884 mg/kg. OES: long-term 10 ppm (Sk)

Aldrich: 24004-4
Fluka: 31760