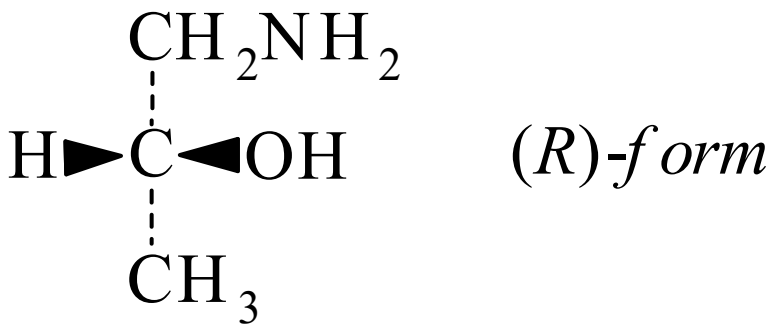
>>**Entry Name: 1-Amino-2-propanol**
Synonym(s): 2-Hydroxypropylamine. Isopropanolamine. Monoisopropanolamine. MIPA



(*R*)-*form*

CAS Registry Number: 78-96-6
Related CAS Registry Numbers(s): 29868-06-2

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%
Hazard & Toxicity: Fl. p. 75°, autoignition temp. 374°. Skin and severe irritant. LD_{50} (rbt, skn) 1640 mg/kg

Aldrich: 11024-8
Fluka: 9280
Sigma: A5911

>>**Variant:** (*R*)-form

CAS Registry Number: 2799-16-8
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%
Physical Description: Thick oil
Boiling Point: Bp 160°
Optical Rotation: $[\alpha]_D$ –19 (c, 1.78 in H_2O) (*ca*. 100% op). $[\alpha]_D^{20}$–25.8 (c, 1.83 in EtOH)
Aldrich: 23885-6
Fluka: 9281
Sigma: A1531

>>**Derivative:** *O*,*N*-Dibenzoyl

Molecular Formula: $C_{17}H_{17}NO_3$
Molecular Weight: 283.326
Accurate Mass: 283.120844
Percentage Composition: C 72.07%; H 6.05%; N 4.94%; O 16.94%
Melting Point: Mp 73-74°
Optical Rotation: $[\alpha]_D^{24}$–72 (EtOH)

>>**Variant:** (*S*)-form

CAS Registry Number: 2799-17-9
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%
Melting Point: Mp 24-26°
Boiling Point: Bp 160°
Optical Rotation: $[\alpha]_D^{20}$+23.6 (c, 1 in MeOH)
Refractive Index: n_D^{20} 1.4437
Aldrich: 23886-4
Fluka: 9283
Sigma: A1656