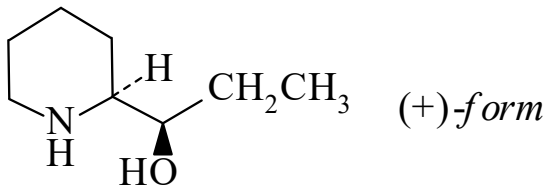
>>**Entry Name: Conhydrine**

Synonym(s): α-Ethyl-2-piperidinemethanol, 9CI. 2-(1-Hydroxypropyl)piperidine. 1-(2-Piperidino)-1-propanol. α-Conhydrine



(+)-*form*

CAS Registry Number: 63401-12-7

Molecular Formula: $C_8H_{17}NO$
Molecular Weight: 143.228
Accurate Mass: 143.131014
Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%

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

CAS Registry Number: 495-20-5

Molecular Formula: $C_8H_{17}NO$
Molecular Weight: 143.228
Accurate Mass: 143.131014
Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%
Biological Source: Alkaloid from hemlock (*Conium maculatum*) (Umbelliferae)
Physical Description: Leaflets (Et_2O)
Melting Point: Mp 121°
Boiling Point: Bp_{720} 224.5°
Optical Rotation: $[\alpha]_D$ +10 (c, 10 in EtOH)
Hazard & Toxicity: Extremely poisonous

>>**Derivative:** *N*-Ac

Boiling Point: Bp_3 133-135°

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

Melting Point: Mp 133-134°
Optical Rotation: $[\alpha]_D$ –13 (c, 3 in $CHCl_3$)

>>**Derivative:** *N*-Me

Boiling Point: Bp_{11} 94-95°

>>**Variant:** (–)-form

CAS Registry Number: 18209-37-5
Molecular Formula: $C_8H_{17}NO$
Molecular Weight: 143.228
Accurate Mass: 143.131014
Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%
Source/Synthesis: Synthetic
Optical Rotation: $[\alpha]_D$ –9.3 (95% EtOH)

>>**Variant:** (±)-form

CAS Registry Number: 3238-62-8
Molecular Formula: $C_8H_{17}NO$
Molecular Weight: 143.228
Accurate Mass: 143.131014
Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%
Source/Synthesis: Synthetic
Melting Point: Mp 99-100°

>>**Derivative:** *N*-Me; methiodide

Melting Point: Mp 178-179°

References: