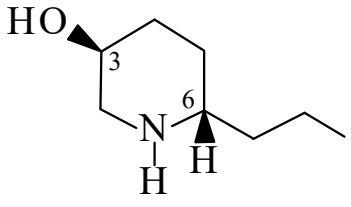
>>**Entry Name: 6-Propyl-3-piperidinol,** 9CI
Synonym(s): 5-Hydroxy-2-propylpiperidine



(3*S*,6*S*)-*form*

Related CAS Registry Numbers(s): 40336-06-9

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:** (3*S*,6*S*)-form
Synonym(s): (+)-*trans*-form. **Pseudoconhydrine.** ψ-Conhydrine

CAS Registry Number: 140-55-6

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)
Melting Point: Mp 105-106° (93-94°)
Optical Rotation: $[\alpha]_D^{15}$+11 (EtOH)

>>**Derivative:** Hydrochloride

CAS Registry Number: 99545-16-1
Physical Description: Cryst. ($MeOH/Et_2O$)
Melting Point: Mp 220° (212-213°)
Optical Rotation: $[\alpha]_D^{20}$+7.6 (c, 1 in MeOH)

>>**Derivative:** *N*-Benzoyl

Melting Point: Mp 132-133°
Optical Rotation: $[\alpha]_D^{17}$+23.4

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

CAS Registry Number: 78962-69-3

Molecular Formula: $C_9H_{19}NO$
Molecular Weight: 157.255
Accurate Mass: 157.146664
Percentage Composition: C 68.74%; H 12.18%; N 8.91%; O 10.17%
Biological Source: Alkaloid from *Conium maculatum* (Umbelliferae)
Physical Description: Hexagonal rods (as hydrochloride)
Melting Point: Mp 157° (hydrochloride)
Optical Rotation: $[\alpha]_D^{25}$+25 (MeOH)

>>**Variant:** (3*S*,6*R*)-form
Synonym(s): Epipseudoconhydrine

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%

>>**Derivative:** Hydrochloride

CAS Registry Number: 165883-07-8
Physical Description: Yellow solid (CH_2Cl_2/Et_2O)
Melting Point: Mp 148°
Optical Rotation: [α]

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