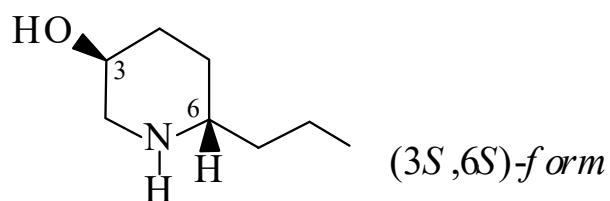




>>Entry Name: 6-Propyl-3-piperidinol, 9CI

Synonym(s): 5-Hydroxy-2-propylpiperidine



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

Molecular Formula: C₈H₁₇NO

Molecular Weight: 143.228

Accurate Mass: 143.131014

Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%

>>Variant: (3S,6S)-form

Synonym(s): (+)-*trans*-form. Pseudoconhydrine. ψ -Conhydrine

CAS Registry Number: 140-55-6

Molecular Formula: C₈H₁₇NO

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: $[\alpha]_{\text{D}}^{15} +11$ (EtOH)

>>Derivative: Hydrochloride

CAS Registry Number: 99545-16-1

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 220° (212-213°)

Optical Rotation: $[\alpha]_{\text{D}}^{20} +7.6$ (c, 1 in MeOH)

>>Derivative: N-Benzoyl

Melting Point: Mp 132-133°

Optical Rotation: $[\alpha]_{\text{D}}^{17} +23.4$

>>Derivative: N-Me

Synonym(s): N-Methylpseudoconhydrine

CAS Registry Number: 78962-69-3

Molecular Formula: C₉H₁₉NO

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: $[\alpha]_{\text{D}}^{25} +25$ (MeOH)

>>Variant: (3S,6R)-form

Synonym(s): Epipseudoconhydrine

Molecular Formula: C₈H₁₇NO

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 (CH₂Cl₂/Et₂O)

Melting Point: Mp 148°

Optical Rotation: $[\alpha]$