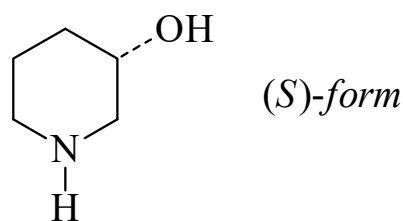




>>Entry Name: 3-Piperidinol, 9Cl

Synonym(s): 3-Hydroxypiperidine



CAS Registry Number: 6859-99-0

Related CAS Registry Numbers(s): 62414-68-0

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Fluka: 56210

Rare Chemicals Library: S44612-2

>>Variant: (S)-form

CAS Registry Number: 24211-55-0

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Physical Description: Oil, cryst. on storage

Optical Rotation: [α]_D −7.5 (c, 2 in MeOH)

>>Variant: (±)-form

CAS Registry Number: 41148-36-1

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Melting Point: Mp 61-63°

Boiling Point: Bp₂₆ 113-116°

>>Derivative: Hydrochloride

CAS Registry Number: 64051-79-2

Boiling Point: Bp 249-250°

Aldrich: 17441-6

>>Derivative: Dibenzoyl

Molecular Formula: C₁₉H₁₉NO₃

Molecular Weight: 309.364

Accurate Mass: 309.136494

Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%

Melting Point: Mp 83°

>>Derivative: N-Nitroso

CAS Registry Number: 55556-85-9

Molecular Formula: C₅H₁₀N₂O₂

Molecular Weight: 130.146

Accurate Mass: 130.074228

Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%

Hazard & Toxicity: Mutagenic props.