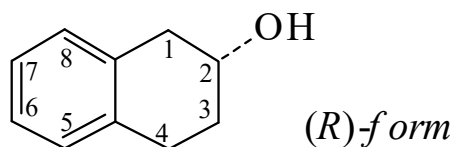




>>Entry Name: 1,2,3,4-Tetrahydro-2-naphthol, 8Cl

Synonym(s): 1,2,3,4-Tetrahydro-2-naphthalenol, 9Cl. 2-Hydroxytetralin



CAS Registry Number: 530-91-6

Molecular Formula: C₁₀H₁₂O

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Hazard & Toxicity: LD₅₀ (rat, orl) 1000 mg/kg

>>Variant: (R)-form

CAS Registry Number: 7575-89-5

Molecular Formula: C₁₀H₁₂O

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Cryst. (petrol)

Melting Point: Mp 50°

Boiling Point: Bp₁₇ 141°

Optical Rotation: [α]_D²⁰ +70.3 (CHCl₃)

>>Variant: (S)-form

CAS Registry Number: 20107-40-8

Molecular Formula: C₁₀H₁₂O

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Cryst. (petrol)

Melting Point: Mp 50°

Boiling Point: Bp₁₇ 141°

Optical Rotation: [α]_D¹⁹ -72.2 (c, 1.61 in EtOH)

>>Derivative: Ac

Molecular Formula: C₁₂H₁₄O₂

Molecular Weight: 190.241

Accurate Mass: 190.09938

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Boiling Point: Bp₁₈ 149°

>>Derivative: Me ether

Synonym(s): 1,2,3,4-Tetrahydro-2-methoxynaphthalene. 2-Methoxytetralin

CAS Registry Number: 20052-18-0

Molecular Formula: C₁₁H₁₄O

Molecular Weight: 162.231

Accurate Mass: 162.104465

Percentage Composition: C 81.44%; H 8.70%; O 9.86%

Boiling Point: Bp_{8.5} 106-107°

Optical Rotation: [α]_D¹⁸ -27.5 (c, 1.36 in EtOH)