



>>Entry Name: 1,2,3,4-Tetrahydro-6-quinolinol, 9CI

Synonym(s): 1,2,3,4-Tetrahydro-6-hydroxyquinoline

CAS Registry Number: 3373-00-0

Molecular Formula: C₉H₁₁NO

Molecular Weight: 149.192

Accurate Mass: 149.084064

Percentage Composition: C 72.46%; H 7.43%; N 9.39%; O 10.72%

Melting Point: Mp 160°

>>Derivative: Picrate

Melting Point: Mp 195-196°

>>Derivative: N-Ac

CAS Registry Number: 42443-04-9

Molecular Formula: C₁₁H₁₃NO₂

Molecular Weight: 191.229

Accurate Mass: 191.094629

Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%

Melting Point: Mp 82°

>>Derivative: Me ether

Synonym(s): 1,2,3,4-Tetrahydro-6-methoxyquinoline

CAS Registry Number: 120-15-0

Molecular Formula: C₁₀H₁₃NO

Molecular Weight: 163.219

Accurate Mass: 163.099714

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Physical Description: Rhombic cryst. (H₂O), prisms (EtOH or petrol)

Melting Point: Mp 42-43°

Boiling Point: Bp₇₃₅ 283°

Rare Chemicals Library: S76626-7

>>Derivative: O,N-Di-Me

Synonym(s): 1,2,3,4-Tetrahydro-6-methoxy-1-methylquinoline

CAS Registry Number: 74492-61-8

Molecular Formula: C₁₁H₁₅NO

Molecular Weight: 177.246

Accurate Mass: 177.115364

Percentage Composition: C 74.54%; H 8.53%; N 7.90%; O 9.03%

Physical Description: Oil

Boiling Point: Bp 227-228.5°. Bp₁₀ 150-150.1°

References:

Moore, J.A. *et al.*, *J.O.C.*, 1964, **29**, 2860, (*synth, uv*)

Skinner, W. *et al.*, *J. Pharm. Sci.*, 1976, **65**, 1404, (*deriv*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TCU700