>>**Entry Name: 1,2,3,4-Tetrahydro-8-quinolinol,** 9CI
Synonym(s): 1,2,3,4-Tetrahydro-8-hydroxyquinoline

CAS Registry Number: 6640-50-2

Molecular Formula: $C_9H_{11}NO$
Molecular Weight: 149.192
Accurate Mass: 149.084064
Percentage Composition: C 72.46%; H 7.43%; N 9.39%; O 10.72%
Physical Description: Prisms (C_6H_6)
Melting Point: Mp 122.5 subl.°
Solubility: Mod. sol. hot H_2O
pKa Value: pK_{a1} 5.5; pK_{a2} 9.4 (20°)

>>**Derivative:** *N*-Me
Synonym(s): 1,2,3,4-Tetrahydro-8-hydroxy-1-methylquinoline. Kairine

CAS Registry Number: 5080-60-4

Molecular Formula: $C_{10}H_{13}NO$
Molecular Weight: 163.219
Accurate Mass: 163.099714
Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%
Use/Importance: Formerly used as antipyretic
Boiling Point: Bp 278-282°
Solubility: Spar. sol. H_2O

>>**Derivative:** Et ether
Synonym(s): 8-Ethoxy-1,2,3,4-tetrahydroquinoline

Molecular Formula: $C_{11}H_{15}NO$
Molecular Weight: 177.246
Accurate Mass: 177.115364
Percentage Composition: C 74.54%; H 8.53%; N 7.90%; O 9.03%
Physical Description: Liq.
Boiling Point: Bp_{716} 275-276°

>>**Derivative:** *N*,*O*-Di-Me
Synonym(s): 1,2,3,4-Tetrahydro-8-methoxy-1-methylquinoline

Molecular Formula: $C_{11}H_{15}NO$
Molecular Weight: 177.246
Accurate Mass: 177.115364
Percentage Composition: C 74.54%; H 8.53%; N 7.90%; O 9.03%
Boiling Point: Bp 270°
Solubility: Spar. sol. H_2O

References:

Bourquin, J.P. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1962, **295**, 383, *(synth)*