



>>Entry Name: 2-Hydroxy-4-methylquinoline

Synonym(s): 4-Methyl-2(1*H*)-quinolinone, 9Cl. 2-Hydroxylepidine. 4-Methylcarbostyrl. 4-Methyl-2-quinolinol. Lepidone

CAS Registry Number: 607-66-9

Molecular Formula: C₁₀H₉NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

Physical Description: Needles (H₂O or EtOH aq.)

Melting Point: Mp 222-224°

>>Variant: *NH*-form

Molecular Formula: C₁₀H₉NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

Aldrich: H4360-1

>>Derivative: *N*-Me

Synonym(s): 1,4-Dimethyl-2(1*H*)-quinolinone

CAS Registry Number: 2584-47-6

Molecular Formula: C₁₁H₁₁NO

Molecular Weight: 173.214

Accurate Mass: 173.084064

Percentage Composition: C 76.28%; H 6.40%; N 8.09%; O 9.24%

Melting Point: Mp 130-132°

>>Derivative: *N*-Amino

CAS Registry Number: 57193-88-1

Molecular Formula: C₁₀H₁₀N₂O

Molecular Weight: 174.202

Accurate Mass: 174.079313

Percentage Composition: C 68.95%; H 5.79%; N 16.08%; O 9.18%

Physical Description: Needles (EtOH)

Melting Point: Mp 109-110°

>>Variant: *OH*-form

Molecular Formula: C₁₀H₉NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

>>Derivative: Me ether

Synonym(s): 2-Methoxy-4-methylquinoline. 2-Methoxylepidine

CAS Registry Number: 15113-00-5

Molecular Formula: C₁₁H₁₁NO

Molecular Weight: 173.214

Accurate Mass: 173.084064

Percentage Composition: C 76.28%; H 6.40%; N 8.09%; O 9.24%

Physical Description: Oil

Boiling Point: Bp 275-276°