



>>>Entry Name: 4-Hydroxy-2,6-dimethylpyridine

Synonym(s): 2,6-Dimethyl-4(1*H*)-pyridinone, 9Cl. 2,6-Dimethyl- γ -pyridone. γ -Lutidone

CAS Registry Number: 13603-44-6

Extra CAS Registry Numbers(s): 7516-31-6

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 231-232° (225°)

Solubility: V. sol. H₂O, EtOH; spar. sol. Et₂O, CHCl₃, C₆H₆

Other Data: FeCl₃ → brown-red col.

>>>Variant: *NH*-form

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

>>>Derivative: *N*-Me

Synonym(s): 1,2,6-Trimethyl-4-pyridone

CAS Registry Number: 767-83-9

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Melting Point: Mp 241-243°

Other Data: Forms hydrate, Mp 110-111°

Rare Chemicals Library: S1100-3

>>>Derivative: *N*-Me; methiodide

Physical Description: Prisms (H₂O)

Melting Point: Mp 242°

>>>Derivative: *N*-Me; ethiodide

Physical Description: Cryst. (H₂O)

Melting Point: Mp 195-196°

>>>Variant: *OH*-form

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

>>>Derivative: Me ether

Synonym(s): 4-Methoxy-2,6-dimethylpyridine

CAS Registry Number: 20815-02-5

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Physical Description: Liq.

Boiling Point: Bp 203°. Bp₄₀ 100°

Density: d₁₅²⁴ 1.011