



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

Synonym(s): 4-Methyl-2-pyridinol. 2-Hydroxy-4-picoline. 4-Methyl-2(1*H*)-pyridinone

CAS Registry Number: 13466-41-6

Molecular Formula: C₆H₇NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 130°

Boiling Point: Bp 307-309°

Aldrich: 36544-0

>>Variant: *OH*-form

Molecular Formula: C₆H₇NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

>>Derivative: Me ether

Synonym(s): 2-Methoxy-4-methylpyridine

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%

Boiling Point: Bp₂₁ 67°. Bp₇ 48-50°

>>Derivative: Et-ether

Synonym(s): 2-Ethoxy-4-methylpyridine

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%

Boiling Point: Bp₁₀ 70°

>>Derivative: Et ether, *N*-oxide

Molecular Formula: C₈H₁₁NO₂

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Physical Description: Needles

Melting Point: Mp 101-102°

>>Variant: *NH*-form

Molecular Formula: C₆H₇NO

Molecular Weight: 109.127

Accurate Mass: 109.052764

Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%

>>Derivative: *N*-Me

CAS Registry Number: 15031-42-2

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%

Melting Point: Mp 58-59°

References: