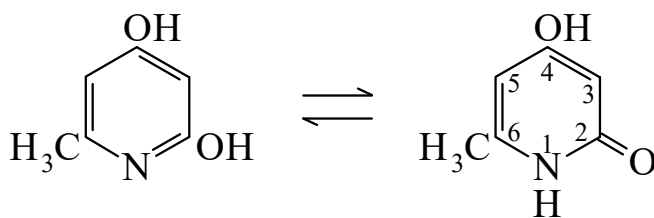




>>Entry Name: 2,4-Dihydroxy-6-methylpyridine

Synonym(s): 4,6-Dihydroxy-2-picoline. 4-Hydroxy-6-methyl-2(1*H*)-pyridinone, 9CI



CAS Registry Number: 3749-51-7

Molecular Formula: C₆H₇NO₂

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

General Statement: *NH*-form predominates

Physical Description: Needles (EtOH)

Melting Point: Mp 331 dec.°

>>Variant: Diol-form

Molecular Formula: C₆H₇NO₂

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

>>Derivative: Di-Et ether

Molecular Formula: C₁₀H₁₅NO₂

Molecular Weight: 181.234

Accurate Mass: 181.110279

Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%

Boiling Point: Bp 238-240°

>>Variant: *NH*-form

Molecular Formula: C₆H₇NO₂

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

>>Derivative: 4-Ac

CAS Registry Number: 13959-08-5

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Melting Point: Mp 194-196°

>>Derivative: 4-Benzoyl

Molecular Formula: C₁₃H₁₁NO₃

Molecular Weight: 229.235

Accurate Mass: 229.073894

Percentage Composition: C 68.11%; H 4.84%; N 6.11%; O 20.94%

Melting Point: Mp 197-198°

>>Derivative: *N*-Me

CAS Registry Number: 6052-75-1

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.154

Accurate Mass: 139.063329

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 226-229°

References: