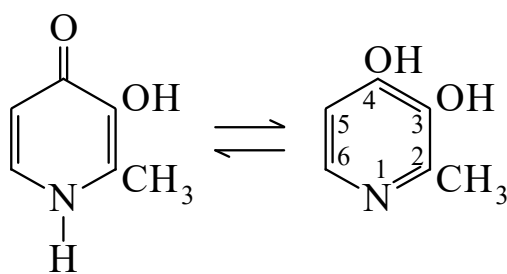




>>Entry Name: 3,4-Dihydroxy-2-methylpyridine

Synonym(s): 3-Hydroxy-2-methyl-4(1*H*)-pyridinone, 9Cl. 2-Methyl-3,4-pyridinediol



CAS Registry Number: 17184-19-9

Related CAS Registry Numbers(s): 123742-61-0

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%

Biological Source: Prod. by *Streptomyces* sp. MJ 210

Physical Description: Cryst. (H₂O)

Melting Point: Mp 285-288°

>>Derivative: Hydrochloride

CAS Registry Number: 17184-18-8

Physical Description: Prisms (EtOAc/MeOH)

Melting Point: Mp 185°

>>Derivative: O³-β-D-Glucopyranoside

Synonym(s): Innovanamine

CAS Registry Number: 15266-34-9

Molecular Formula: C₁₂H₁₇NO₇

Molecular Weight: 287.269

Accurate Mass: 287.100504

Percentage Composition: C 50.17%; H 5.96%; N 4.88%; O 38.99%

Biological Source: Isol. from leaves of *Evodiapanax innovans*

Physical Description: Prisms + 2H₂O (H₂O)

Melting Point: Mp 116-118°

Optical Rotation: [α]_D²⁵ -61.6 (c, 10 in H₂O)

>>Derivative: O³-Ac

Synonym(s): 3-Acetoxy-2-methyl-4(1*H*)-pyridinone

CAS Registry Number: 17184-20-2

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%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 205-207°

>>Derivative: 3-Me ether

Synonym(s): 3-Methoxy-2-methyl-4(1*H*)-pyridinone, 9Cl

CAS Registry Number: 76015-11-7

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. (Me₂CO/MeOH)

Melting Point: Mp 155-156°