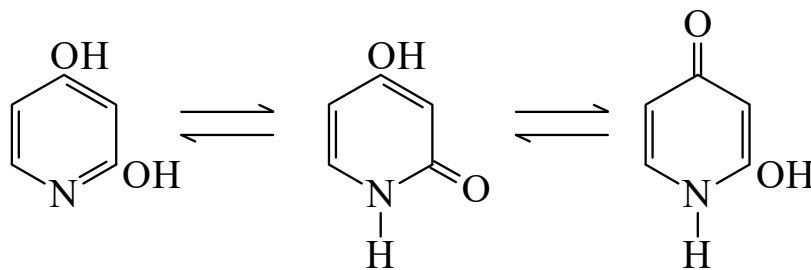




>>Entry Name: 2,4-Pyridinediol

Synonym(s): 4-Hydroxy-2(1*H*)-pyridinone, 9Cl. 2,4-Dihydroxypyridine. 2-Hydroxy-4(1*H*)-pyridinone. 3-Deazauracil



CAS Registry Number: 626-03-9

Molecular Formula: C₅H₅NO₂

Molecular Weight: 111.1

Accurate Mass: 111.032029

Percentage Composition: C 54.05%; H 4.54%; N 12.61%; O 28.80%

Physical Description: Cryst. (H₂O or EtOH)

Melting Point: Mp 260-265 dec.°

pKa Value: p*K*_{a1} 1.37; p*K*_{a2} 6.54; p*K*_{a3} 13 (20°)

Aldrich: 17697-4

Fluka: 37945

Sigma: D3138

>>Derivative: 4-Me ether

Synonym(s): 4-Methoxy-2(1*H*)-pyridinone. 2-Hydroxy-4-methoxypyridine

CAS Registry Number: 52545-13-8

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%

Physical Description: Cryst. (petrol)

Melting Point: Mp 165-166°

>>Derivative: *N*-β-D-Ribofuranoside

>>Variant: 2-One-form

Molecular Formula: C₅H₅NO₂

Molecular Weight: 111.1

Accurate Mass: 111.032029

Percentage Composition: C 54.05%; H 4.54%; N 12.61%; O 28.80%

>>Derivative: *N*-Me

CAS Registry Number: 40357-87-7

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%

Physical Description: Prisms (EtOH/Et₂O)

Melting Point: Mp 171-172°

>>Derivative: *O*⁴,*N*-Di-Me

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

CAS Registry Number: 41759-19-7

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. (petrol)

Melting Point: Mp 113-114°