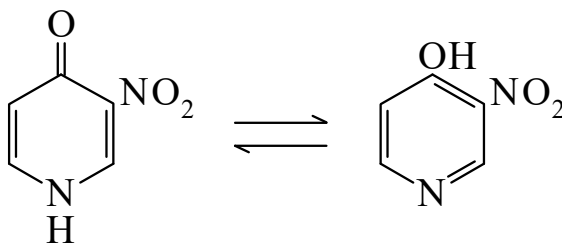




>>Entry Name: 4-Hydroxy-3-nitropyridine

Synonym(s): 3-Nitro-4(1*H*)-pyridinone. 3-Nitro-4-pyridinol



CAS Registry Number: 15590-90-6

Related CAS Registry Numbers(s): 5435-54-1

Molecular Formula: C₅H₄N₂O₃

Molecular Weight: 140.098

Accurate Mass: 140.022193

Percentage Composition: C 42.87%; H 2.88%; N 20.00%; O 34.26%

Physical Description: Yellow cryst.

Melting Point: Mp 278-279 dec.° (269-270°)

Rare Chemicals Library: S90945-9

>>Variant: *NH*-form

Molecular Formula: C₅H₄N₂O₃

Molecular Weight: 140.098

Accurate Mass: 140.022193

Percentage Composition: C 42.87%; H 2.88%; N 20.00%; O 34.26%

>>Derivative: *N*-Me

CAS Registry Number: 64761-30-4

Molecular Formula: C₆H₆N₂O₃

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Physical Description: Cryst. (MeOH or Py/Et₂O)

Melting Point: Mp 233° (220°)

>>Derivative: *N*-Benzyl

Molecular Formula: C₁₂H₁₀N₂O₃

Molecular Weight: 230.223

Accurate Mass: 230.069143

Percentage Composition: C 62.61%; H 4.38%; N 12.17%; O 20.85%

Melting Point: Mp 113-114°

>>Variant: *OH*-form

Molecular Formula: C₅H₄N₂O₃

Molecular Weight: 140.098

Accurate Mass: 140.022193

Percentage Composition: C 42.87%; H 2.88%; N 20.00%; O 34.26%

>>Derivative: Me ether

Synonym(s): 4-Methoxy-3-nitropyridine

CAS Registry Number: 31872-62-5

Molecular Formula: C₆H₆N₂O₃

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Physical Description: Pale-yellow prisms (Et₂O/petrol)

Melting Point: Mp 72-75°