



>>Entry Name: 3-Hydroxy-4-nitropyridine, 9CI

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: Cryst. (H₂O)

Melting Point: Mp 132°

>>Derivative: *N*-Oxide

CAS Registry Number: 19355-03-4

Molecular Formula: C₅H₄N₂O₄

Molecular Weight: 156.098

Accurate Mass: 156.017108

Percentage Composition: C 38.47%; H 2.58%; N 17.95%; O 41.00%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 173°

>>Derivative: Me ether

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

CAS Registry Number: 13505-07-2

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. (petrol)

Melting Point: Mp 46°

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

CAS Registry Number: 19355-04-5

Molecular Formula: C₆H₆N₂O₄

Molecular Weight: 170.124

Accurate Mass: 170.032758

Percentage Composition: C 42.36%; H 3.55%; N 16.47%; O 37.62%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 134°

References:

Talik, T. *et al.*, *Rocz. Chem.*, 1964, **38**, 777; 1966, **40**, 1187, (*synth*)

Rasala, D. *et al.*, *Bull. Soc. Chim. Fr.*, 1991, 201, (*deriv, ir, cmr*)