



>>Entry Name: 4-Chloro-3-hydroxypyridine

Synonym(s): 4-Chloro-3-pyridinol, 9Cl

CAS Registry Number: 96630-88-5

Related CAS Registry Numbers(s): 112945-88-7

Molecular Formula: C_5H_4ClNO

Molecular Weight: 129.545

Accurate Mass: 128.998141

Percentage Composition: C 46.36%; H 3.11%; Cl 27.37%; N 10.81%; O 12.35%

>>Derivative: Ph ether

Synonym(s): 4-Chloro-3-phenoxy pyridine

CAS Registry Number: 73406-90-3

Molecular Formula: $C_{11}H_8ClNO$

Molecular Weight: 205.643

Accurate Mass: 205.029441

Percentage Composition: C 64.25%; H 3.92%; Cl 17.24%; N 6.81%; O 7.78%

Physical Description: Oil

>>Derivative: Ph ether, 1-Oxide

CAS Registry Number: 112946-02-8

Molecular Formula: $C_{11}H_8ClNO_2$

Molecular Weight: 221.642

Accurate Mass: 221.024356

Percentage Composition: C 59.61%; H 3.64%; Cl 16.00%; N 6.32%; O 14.44%

Melting Point: Mp 129-130° (as hydrochloride)

References:

Pavia, M.R. *et al.*, *J. Med. Chem.*, 1988, **31**, 841