



>>Entry Name: 6-Chloro-2-hydroxypyridine

Synonym(s): 6-Chloro-2(1*H*)-pyridone. 6-Chloro-2-(1*H*)-pyridininone, 9Cl. 6-Chloro-2-pyridinol

Molecular Formula: C₅H₄ClNO

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%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 126-127°

>>Variant: *NH*-form

CAS Registry Number: 16879-02-0

Molecular Formula: C₅H₄ClNO

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%

Other Data: Minor tautomer in nonpolar soln., major in water

Aldrich: 13678-6

>>Derivative: *N*-Me

CAS Registry Number: 17228-63-6

Molecular Formula: C₆H₆ClNO

Molecular Weight: 143.572

Accurate Mass: 143.013791

Percentage Composition: C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%

Physical Description: Needles (pentane/Et₂O)

Melting Point: Mp 63-65°

>>Variant: *OH*-form

CAS Registry Number: 73018-09-4

Molecular Formula: C₅H₄ClNO

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%

Other Data: Major tautomer in nonpolar media

>>Derivative: Me ether

Synonym(s): 2-Chloro-6-methoxypyridine

CAS Registry Number: 17228-64-7

Molecular Formula: C₆H₆ClNO

Molecular Weight: 143.572

Accurate Mass: 143.013791

Percentage Composition: C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%

Physical Description: Oil

Boiling Point: Bp 184-185°. Bp₁₅ 73-75°

Aldrich: 15273-0

>>Derivative: Et ether

Synonym(s): 2-Chloro-6-ethoxypyridine

CAS Registry Number: 42144-78-5

Molecular Formula: C₇H₈ClNO

Molecular Weight: 157.599

Accurate Mass: 157.029441

Percentage Composition: C 53.35%; H 5.12%; Cl 22.50%; N 8.89%; O 10.15%

Physical Description: Oil

Rare Chemicals Library: S44633-5