



>>Entry Name: 5-Chloro-2-hydroxypyridine

Synonym(s): 5-Chloro-2(1*H*)-pyridinone. 5-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: Prisms (CHCl₃)

Melting Point: Mp 163°

>>Variant: *NH*-form

CAS Registry Number: 4214-79-3

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%

Aldrich: 13593-3

>>Derivative: *N*-Me

CAS Registry Number: 4214-78-2

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: Cryst. (hexane)

Melting Point: Mp 39-40°

>>Derivative: *N*-Et

CAS Registry Number: 22109-29-1

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: Cryst. (petrol)

Melting Point: Mp 34-35°

>>Variant: *OH*-form

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%

>>Derivative: Me ether

Synonym(s): 5-Chloro-2-methoxypyridine

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: Cryst. (C₆H₆) or liq.

Melting Point: Mp 45-46°

Boiling Point: Bp₂₀ 82-84°

>>Derivative: Et ether

Synonym(s): 5-Chloro-2-ethoxypyridine

CAS Registry Number: 22109-30-4

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%

Melting Point: Mp 31-32°