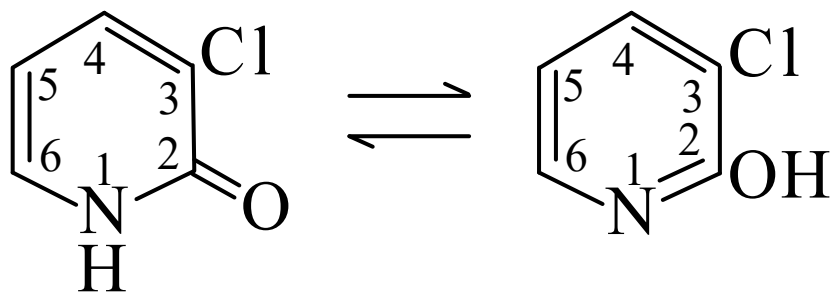
>>**Entry Name: 3-Chloro-2-hydroxypyridine**
Synonym(s): 3-Chloro-2(1*H*)-pyridone. 3-Chloro-2(1*H*)-pyridinone, $_{9Cl}$. 3-Chloro-2-pyridinol



NH-form *OH-form*

CAS Registry Number: 13466-35-8

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%

Physical Description: Plates (C_6H_6)
Melting Point: Mp 180-181°

>>**Variant:** *NH*-form

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:** *N*-Me

Molecular Formula: C_6H_6ClNO
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
Other Data: Not isol. pure

>>**Variant:** *OH*-form

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:** Me ether
Synonym(s): 3-Chloro-2-methoxypyridine

CAS Registry Number: 13472-84-9
Molecular Formula: C_6H_6ClNO
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_{52} 107-109°

References:

Cava, M.P. *et al.*, *J.O.C.*, 1958, **23**, 1287; 1616, *(synth, uv)*
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Beak, P. *et al.*, *J.O.C.*, 1978, **43**, 1367