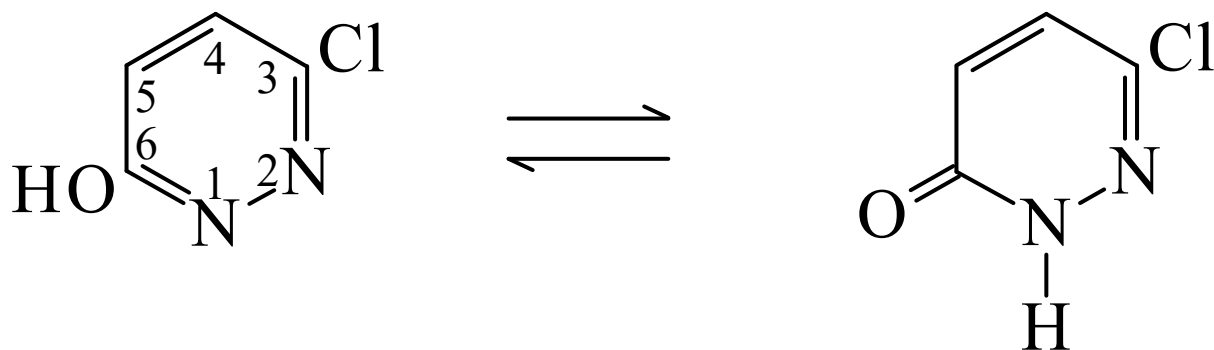




>>Entry Name: 3-Chloro-6-hydroxypyridazine

Synonym(s): 6-Chloro-3(2*H*)-pyridazinone, 9Cl. 6-Chloro-3-pyridazinol



Related CAS Registry Numbers(s): 122913-92-2

Molecular Formula: C<sub>4</sub>H<sub>3</sub>ClN<sub>2</sub>O

Molecular Weight: 130.533

Accurate Mass: 129.99339

Percentage Composition: C 36.81%; H 2.32%; Cl 27.16%; N 21.46%; O 12.26%

Physical Description: Needles (CCl<sub>4</sub> or EtOAc)

Melting Point: Mp 142-142.5° (138-139°)

pKa Value: p*K*<sub>a1</sub> 9.11; p*K*<sub>a2</sub> 8.91 (H<sub>2</sub>O)

>>Derivative: Hemihydrate

Physical Description: Solid

Melting Point: Mp 138-140°

>>Derivative: 1-Oxide

CAS Registry Number: 18259-52-4

Molecular Formula: C<sub>4</sub>H<sub>3</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight: 146.533

Accurate Mass: 145.988305

Percentage Composition: C 32.79%; H 2.06%; Cl 24.19%; N 19.12%; O 21.84%

Physical Description: Solid

Melting Point: Mp 224-225 dec.°

>>Variant: *NH*-form

CAS Registry Number: 19064-67-6

Molecular Formula: C<sub>4</sub>H<sub>3</sub>ClN<sub>2</sub>O

Molecular Weight: 130.533

Accurate Mass: 129.99339

Percentage Composition: C 36.81%; H 2.32%; Cl 27.16%; N 21.46%; O 12.26%

Rare Chemicals Library: S85988-5

>>Derivative: Hydrazone

CAS Registry Number: 17284-97-8

Molecular Formula: C<sub>4</sub>H<sub>5</sub>ClN<sub>4</sub>

Molecular Weight: 144.563

Percentage Composition: C 33.23%; H 3.49%; Cl 24.52%; N 38.76%

Use/Importance: Used for extraction-photometric detn. of Ni ( $\lambda_{\text{max}}$  715 nm,  $\epsilon$  18600, dioxan)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 141° (137-138°)

Solubility: Sol. EtOH, Me<sub>2</sub>CO, H<sub>2</sub>O

>>Derivative: 2-Me

Synonym(s): 1-Methyl-3-chloro-6(1*H*)-pyridazinone

CAS Registry Number: 10071-38-2

Molecular Formula: C<sub>5</sub>H<sub>5</sub>ClN<sub>2</sub>O

Molecular Weight: 144.56

Accurate Mass: 144.00904

Percentage Composition: C 41.54%; H 3.49%; Cl 24.52%; N 19.38%; O 11.07%

Physical Description: Solid (EtOH or hexane)

Melting Point: Mp 92-94°