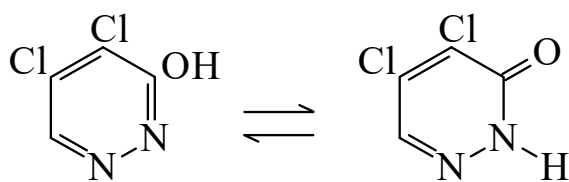




>>Entry Name: 4,5-Dichloro-3-hydroxypyridazine

Synonym(s): 4,5-Dichloro-3(2H)-pyridazinone, 9Cl. 4,5-Dichloro-6(1H)-pyridazinone



CAS Registry Number: 932-22-9

Molecular Formula: C₄H₂Cl₂N₂O

Molecular Weight: 164.978

Accurate Mass: 163.954417

Percentage Composition: C 29.12%; H 1.22%; Cl 42.98%; N 16.98%; O 9.70%

General Statement: *NH*-form predominates

Use/Importance: Important and versatile material for synth. of many heterocycles

Physical Description: Colourless blocks (EtOH), pinkish plates (CHCl₃)

Melting Point: Mp 202°

pKa Value: pK_a 8.49 (H₂O)

Aldrich: 30309-7

>>Variant: *NH*-form

Molecular Formula: C₄H₂Cl₂N₂O

Molecular Weight: 164.978

Accurate Mass: 163.954417

Percentage Composition: C 29.12%; H 1.22%; Cl 42.98%; N 16.98%; O 9.70%

>>Derivative: *N*-Ph

Synonym(s): 4,5-Dichloro-2-phenyl-3(2H)-pyridazinone, 9Cl, 8Cl

CAS Registry Number: 1698-53-9

Molecular Formula: C₁₀H₆Cl₂N₂O

Molecular Weight: 241.076

Accurate Mass: 239.985717

Percentage Composition: C 49.82%; H 2.51%; Cl 29.41%; N 11.62%; O 6.64%

Physical Description: Prisms (EtOH aq.)

Melting Point: Mp 163-164°

Hazard & Toxicity: Severe eye irritant. LD₅₀ (rat, orl) 2520 mg/kg

Aldrich: 17684-2

References:

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