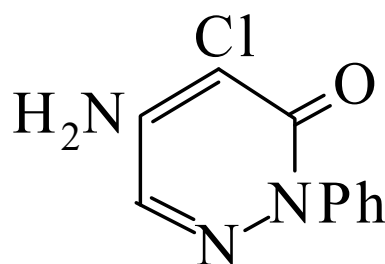




>>Entry Name: 5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone, 9Cl

Synonym(s): Chloridazon, BSI, ISO. **Pyramin**‡. Pyrazon. PAC, JMAF. Burex. **Phenazone**‡. PAC



CAS Registry Number: 1698-60-8

Molecular Formula: C₁₀H₈ClN₃O

Molecular Weight: 221.645

Accurate Mass: 221.035589

Percentage Composition: C 54.19%; H 3.64%; Cl 16.00%; N 18.96%; O 7.22%

Use/Importance: Herbicide

Physical Description: Pale yellowish solid

Melting Point: Mp 205-206°

Solubility: Spar. sol. H₂O, C₆H₆, sl. sol. Me₂CO, MeOH

pKa Value: pK_a 3.3

Hazard & Toxicity: LD₅₀ (rat, orl) 3830 mg/kg. Eye irritant. Exp. reprod. effects

>>Derivative: N,N-Di-Me

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

CAS Registry Number: 3707-98-0

Molecular Formula: C₁₂H₁₂ClN₃O

Molecular Weight: 249.699

Accurate Mass: 249.066889

Percentage Composition: C 57.72%; H 4.84%; Cl 14.20%; N 16.83%; O 6.41%

Use/Importance: Exhibits herbicidal props.

Melting Point: Mp 92.5-94.5°

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