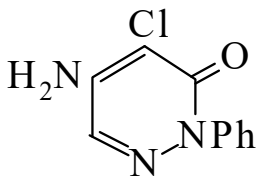
>>**Entry Name: 5-Amino-4-chloro-2-phenyl-3(2*H*)-pyridazinone,** 9Cl
Synonym(s): Chloridazon, BSI, ISO. **Pyramin‡.** Pyrazon. PAC, JMAF. Burex. **Phenazone‡.** PAC



CAS Registry Number: 1698-60-8

Molecular Formula: $C_{10}H_8ClN_3O$
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. H_2O, C_6H_6, sl. sol. Me_2CO, MeOH
pKa Value: pK_a 3.3
Hazard & Toxicity: LD_{50} (rat, orl) 3830 mg/kg. Eye irritant. Exp. reprod. effects

>>**Derivative:** *N,N*-Di-Me
Synonym(s): 4-Chloro-5-(dimethylamino)-2-phenyl-3(2*H*)-pyridazinone, 9Cl

CAS Registry Number: 3707-98-0
Molecular Formula: $C_{12}H_{12}ClN_3O$
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°

References:

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