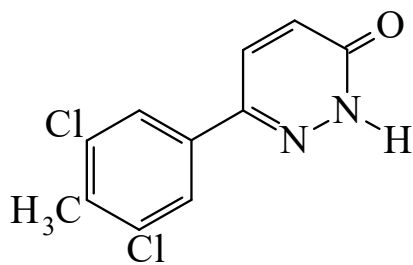




>>Entry Name: Diclomezine, BSI

Synonym(s): 6-(3,5-Dichloro-4-methylphenyl)-3-(2*H*)-pyridazinone, 9Cl. 6-(3,5-Dichloro-*p*-tolyl)-3(2*H*)-pyridazinone. 6-(3,5-Dichloro-4-methylphenyl)-3-hydroxypyridazine. Monguard



CAS Registry Number: 62865-36-5

Molecular Formula: C₁₁H₈Cl₂N₂O

Molecular Weight: 255.102

Accurate Mass: 254.001367

Percentage Composition: C 51.79%; H 3.16%; Cl 27.79%; N 10.98%; O 6.27%

General Statement: Tautomeric with the hydroxypyridazine form

Use/Importance: Fungicide. Septum formn. and mycelial growth inhibitor

Physical Description: Cryst.

Melting Point: Mp 250.5-253.5°

Hazard & Toxicity: LD₅₀ (rat, orl) >12000 mg/kg

References:

Ger. Pat., 1977, 2 640 806; *CA*, **87**, 64064c, (*synth, activity*)

Takahi, Y. *et al.*, *Jpn. Pestic. Inf.*, 1988, **52**, 31, (*props*)

Pesticide Manual, 9th edn., 1991, 264