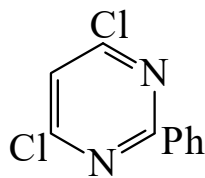




>>Entry Name: 4,6-Dichloro-2-phenylpyrimidine, 9Cl

Synonym(s): Fenclorim, BSI, Sofit, CGA 123407



CAS Registry Number: 3740-92-9

Molecular Formula: C₁₀H₆Cl₂N₂

Molecular Weight: 225.076

Accurate Mass: 223.990802

Percentage Composition: C 53.36%; H 2.69%; Cl 31.50%; N 12.45%

Use/Importance: Herbicide safener

Physical Description: Cryst. (hexane)

Melting Point: Mp 97-98°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Yamagida, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1971, **44**, 2182, (*synth, ir, pmr*)

Christ, R.A., *Weed Res.*, 1985, **25**, 193, (*activity*)

Harden, D.B. *et al.*, *J.O.C.*, 1988, **53**, 4137, (*synth*)

Komives, T. *et al.*, *Biochem. Physiol. Pflanz.*, 1989, **184**, 475, (*activity*)

Han, S. *et al.*, *Pestic. Biochem. Physiol.*, 1991, **39**, 270; 281, (*activity*)

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