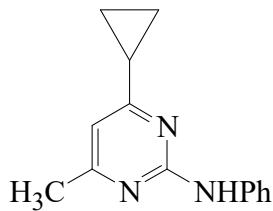




>>Entry Name: Cyprodinil

Synonym(s): 4-Cyclopropyl-6-methyl-*N*-phenyl-2-pyrimidinamine, 9Cl. 2-Anilino-4-cyclopropyl-6-methylpyrimidine. Chorus. Unix. CGA 219417



CAS Registry Number: 121552-61-2

Molecular Formula: C₁₄H₁₅N₃

Molecular Weight: 225.293

Accurate Mass: 225.126597

Percentage Composition: C 74.64%; H 6.71%; N 18.65%

Biological Use/Importance: Inhibitor of methionine biosynth. Fungicide

Physical Description: Beige powder

Melting Point: Mp 76°

pKa Value: pK_a 4.4

Hazard & Toxicity: LD₅₀ (rat, orl) >2000 mg/kg

References:

Eur. Pat., 1989, *Ciba-Geigy*, 310 550; *CA*, **111**, 52481n, (*synth, activity*)

Heye, U.J. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1994, **2**, 501-508, (*activity*)

Heye, U.J. *et al.*, *Crop Prot.*, 1994, **13**, 541-549, (*activity*)

Masner, P. *et al.*, *Pestic. Sci.*, 1994, **42**, 163-166, (*activity*)

Bocquet, G. *et al.*, *Phytoma*, 1994, **458**, 53-55, (*activity*)

Eur. Pat., 1995, 655 441; *CA*, **123**, 55916s, (*synth, activity*)

Cobras, P. *et al.*, *J. Agric. Food Chem.*, 1997, **45**, 2708-2710, (*detn*)

Pesticide Manual, 12th edn., 2000, No. 203