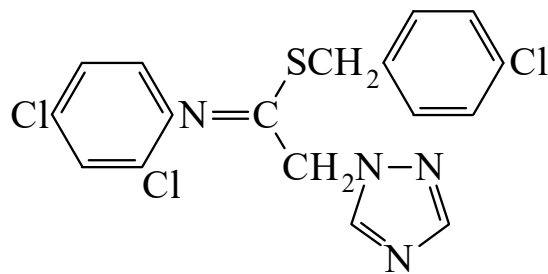




>>Entry Name: Imibenconazole, BSI

Synonym(s): *S*-(4-Chlorophenyl)methyl-*N*-(2,4-dichlorophenyl)-1*H*-1,2,4-triazole-1-ethanimidothioate, 9Cl. 4-Chlorobenzyl *N*-2,4-dichlorophenyl-2-(1*H*-1,2,4-triazol-1-yl)thioacetamidate. Manage. HF-6305



CAS Registry Number: 86598-92-7

Molecular Formula: C<sub>17</sub>H<sub>13</sub>Cl<sub>3</sub>N<sub>4</sub>S

Molecular Weight: 411.741

Accurate Mass: 409.992647

Percentage Composition: C 49.59%; H 3.18%; Cl 25.83%; N 13.61%; S 7.79%

Use/Importance: Fungicide. Steroid demethylation inhibitor

Physical Description: Pale yellow cryst.

Melting Point: Mp 89.5-90°

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) >5000 mg/kg

#### References:

*Ger. Pat.*, 1983, 3 238 306; *CA*, **99**, 88203w, (*synth, activity*)

Ohyama, H. *et al.*, *Br. Crop Prot. Conf. - Pests Dis., Proc.*, 1988, 519, (*activity*)

*Pesticide Manual*, 10th edn., 1994, No. 1084