

Product Data Sheet

Product Name: Imazalil (Enilconazole)

Cat. No.: GC32111

Chemical Properties

Cas. No. 35554-44-0

SMILES C=CCOC(C1=CC=C(Cl)C=C1Cl)CN2C=CN=C2

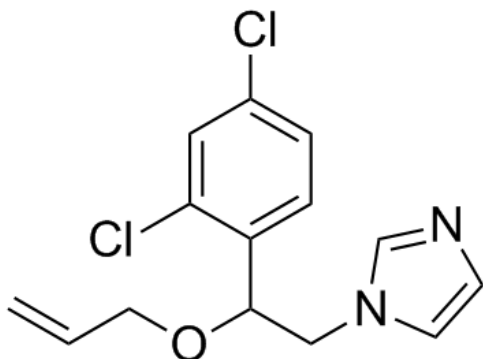
Formula $C_{14}H_{14}Cl_2N_2O$ M.Wt 297.18

Solubility DMSO : ≥ 100 mg/mL (336.50 mM); Water : 20 mg/mL (67.30 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Enilconazole is a fungicide, widely used in agriculture, particularly in the growing of citrus fruits, also used in veterinary medicine as a topical antimycotic. In vivo pharmacokinetic studies demonstrate that enilconazole undergoes rapid systemic absorption and extensive hepatic biotransformation following oral administration, with the majority of its metabolites being eliminated through urinary and biliary pathways in murine models.

Caution: Product has not been fully validated for medical applications. For research use only.

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