
Product Data Sheet

Product Name: 2,6-Dichlorodiphenylamine

Cat. No.: GC60466

Chemical Properties

Cas. No. 15307-93-4

SMILES C1C=CC(=C(C=C1)C(Cl)=CC=C1)C(Cl)=CC=C1Formula $C_{12}H_9Cl_2N$ M.Wt 238.11

Solubility Storage 4°C, protect from light

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**

2,6-Dichlorodiphenylamine is an analogue of Diclofenac Sodium and has anti-Candida albicans activity. Diclofenac Sodium is a potent and nonselective anti-inflammatory agent, acts as a COX inhibitor, with IC50s of 4 and 1.3 nM for human COX-1 and COX-2 in CHO cells.

[1]. Makoto Urai, et al. Potent Drugs That Attenuate anti-Candida Albicans Activity of Fluconazole and Their Possible Mechanisms of Action. J Infect Chemother. 2014 Oct;20(10):612-5.

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

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