

Lamotrigine

Catalog No: #S0680

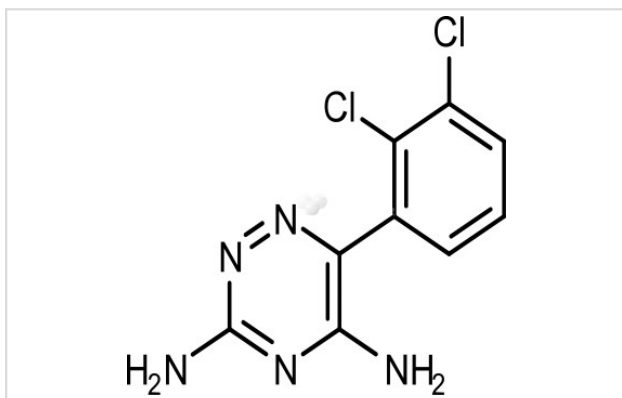
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Description

Product Name	Lamotrigine
Brief Description	Inhibitors
Purification	99.76%
Target Name	5-HT Receptor antagonist
Calculated MW	256.09
Formulation	C ₉ H ₇ Cl ₂ N ₅
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: NC1=NC(N)=C(N=N1)C1=C(Cl)C(Cl)=CC=C1
 Pathways: GPCR/G Protein; Neuroscience
 Receptor: 5-HT (human platelets); 5-HT (rat brain synaptosomes)
 Boiling pt: 503.1°C
 Melting pt: 177-181°C
 Solubility: Ethanol: 3 mg/mL (11.71 mM); DMSO: 10 mg/mL (39.04 mM)
 Appearance: White Powder
 Remark: 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 month.

References

1. Lipkind GM, et al. Mol Pharmacol. 2005 Dec;68(6):1611-22.

Note: This product is for in vitro research use only