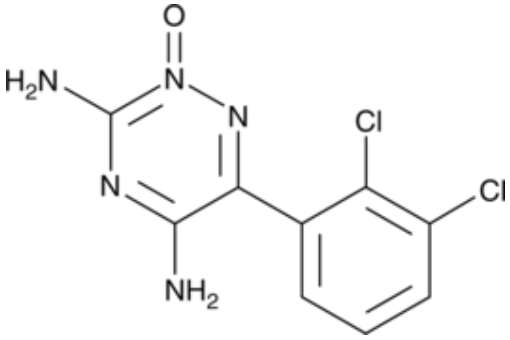
Product Data Sheet

Product Name: Lamotrigine N2-oxide
Cat. No.: GC49538

Chemical Properties

Cas. No.	136565-76-9		
SMILES	NC(N=C(N)C(C1=CC=CC(Cl)=C1Cl)=N2)=[N]2=O		
Formula	C9H7Cl2N5O	M.Wt	272.1
Solubility	DMSO: slightly,Methanol: slightly	Storage	-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

Lamotrigine N2-oxide is a metabolite of the voltage-gated sodium channel inhibitor lamotrigine . [1]

1.Doig, M.V., and Clare, R.A.Use of thermospray liquid chromatography-mass spectrometry to aid in the identification of urinary metabolites of a novel antiepileptic drug, LamotrigineJ. Chromatogr.554(1-2)181-189(1991)

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