

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

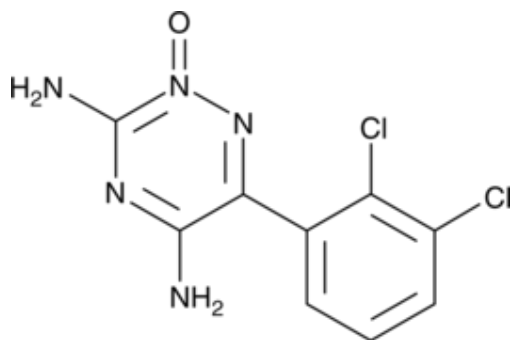
Formula C₉H₇Cl₂N₅O M.Wt 272.1

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, Lamotrigine. J. 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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