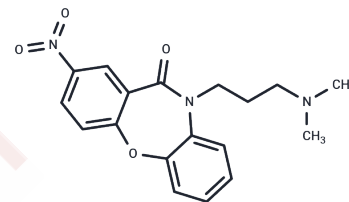


Nitroxazepine

Chemical Properties

CAS No. :	47439-36-1
Formula:	C ₁₈ H ₁₉ N ₃ O ₄
Molecular Weight:	341.36
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nitroxazepine (CIBA 2330Go) is a serotonin-norepinephrine reuptake inhibitor, and treatment depression. Nitroxazepine is a tricyclic antidepressant (TCA) for the research of depression
Targets(IC50)	Serotonin Transporter
In vitro	In vitro effect of Nitroxazepine , as a modulator alone and in combination with hydroxyurea (HU), on cytotoxicity is studied in 16 cases of human chronic myeloid leukemia (CML).

Solubility Information

Solubility	DMSO: 60 mg/mL (175.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9295 mL	14.6473 mL	29.2946 mL
5 mM	0.5859 mL	2.9295 mL	5.8589 mL
10 mM	0.2929 mL	1.4647 mL	2.9295 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Pradhan SG, et al. Augmentation of hydroxyurea cytotoxicity by sintamil in human chronic myeloid leukemia cells. Tumori. 1986 Oct 31;72(5):507-10.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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