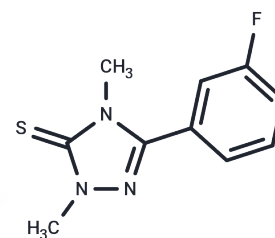


Suritozole

Chemical Properties

CAS No. :	110623-33-1
Formula:	C ₁₀ H ₁₀ FN ₃ S
Molecular Weight:	223.27
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	Suritozole (MDL-26479) is a negative modulator at the gamma-aminobutyric acidA (GABAA) receptor
Targets(IC50)	GABA Receptor
In vivo	Suritozole is a negative modulator at the gamma-aminobutyric acidA (GABAA) receptor that enhances cholinergic function, in attenuating spatial memory deficits after traumatic brain injury in the rat.

Solubility Information

Solubility	DMSO: 27.5 mg/mL (123.17 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	4.4789 mL	22.3944 mL	44.7888 mL
5 mM	0.8958 mL	4.4789 mL	8.9578 mL
10 mM	0.4479 mL	2.2394 mL	4.4789 mL
50 mM	0.0896 mL	0.4479 mL	0.8958 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

O'Dell D M , Hamm R J . Chronic postinjury administration of MDL 26,479 (Suritozole), a negative modulator at the GABAA receptor, and cognitive impairment in rats following traumatic brain injury[J]. Journal of Neurosurgery, 1995, 83(5):878-83.

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