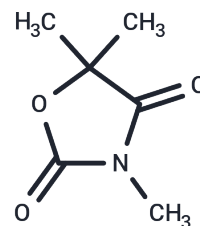


Trimethadione

Chemical Properties

CAS No. :	127-48-0
Formula:	C ₆ H ₉ NO ₃
Molecular Weight:	143.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Trimethadione (3,5,5-Trimethyloxazolidine-2,4-dione) is a dione-type anticonvulsant with antiepileptic activity.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	DMSO: 55 mg/mL (384.24 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	6.9862 mL	34.9308 mL	69.8617 mL
5 mM	1.3972 mL	6.9862 mL	13.9723 mL
10 mM	0.6986 mL	3.4931 mL	6.9862 mL
50 mM	0.1397 mL	0.6986 mL	1.3972 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.

Reference

Shen H, et al. Hear Res. 2007 Apr;226(1-2):52-60.

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