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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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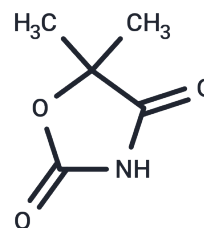
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5,5-Dimethyloxazolidine-2,4-dione

Chemical Properties

CAS No. :	695-53-4
Formula:	C ₅ H ₇ NO ₃
Molecular Weight:	129.11
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	5,5-Dimethyloxazolidine-2,4-dione (Dimethadione) is an anticonvulsant that is the active metabolite of TRIMETHADIONE.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	Ethanol: 78 mg/mL (604.1 mM), DMSO: 78 mg/mL (604.1 mM), H ₂ O: 77 mg/mL (596.3 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.7453 mL	38.7267 mL	77.4533 mL
5 mM	1.5491 mL	7.7453 mL	15.4907 mL
10 mM	0.7745 mL	3.8727 mL	7.7453 mL
50 mM	0.1549 mL	0.7745 mL	1.5491 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

Aasa KL, et al. Toxicol Sci. 2014 Dec; 142(2):350-60.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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