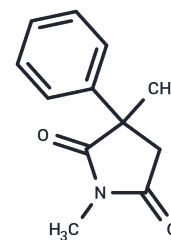


Methsuximide

Chemical Properties

CAS No. :	77-41-8
Formula:	C ₁₂ H ₁₃ NO ₂
Molecular Weight:	203.24
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Methsuximide is a succinimide anticonvulsant medication marketed as a racemate under the tradenames Petinutin and Celontin. Methsuximide its therapeutic efficacy is largely attributed to its active metabolite N-desmethylnmethosuximide, which has a longer half-life and achieves higher plasma concentrations, making it central to the studies of epilepsy pharmacotherapy and metabolite-driven drug action.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (393.62 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	4.9203 mL	24.6015 mL	49.2029 mL
5 mM	0.9841 mL	4.9203 mL	9.8406 mL
10 mM	0.492 mL	2.4601 mL	4.9203 mL
50 mM	0.0984 mL	0.492 mL	0.9841 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

MARY LOUISE SCHOLL, et al. Celontin - a New Anticonvulsant.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481