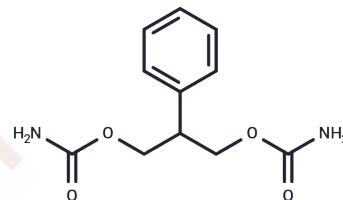


Felbamate

Chemical Properties

CAS No. : 25451-15-4
 Formula: C₁₁H₁₄N₂O₄
 Molecular Weight: 238.24
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Felbamate (W-554) is an Anti-epileptic Agent. The physiologic effect of felbamate is by means of Decreased Central Nervous System Disorganized Electrical Activity.
Targets(IC50)	NMDAR,iGluR

Solubility Information

Solubility	DMSO: 23.8 mg/mL (99.9 mM),Sonication is recommended. Ethanol: 23.8 mg/mL (99.9 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	4.1974 mL	20.9872 mL	41.9745 mL
5 mM	0.8395 mL	4.1974 mL	8.3949 mL
10 mM	0.4197 mL	2.0987 mL	4.1974 mL
50 mM	0.0839 mL	0.4197 mL	0.8395 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

Kuo CC, et al. Mol Pharmacol. 2004 Feb; 65(2):370-80.

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