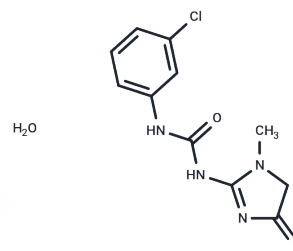


Fenobam hydrate

Chemical Properties

CAS No. :	63540-28-3
Formula:	C ₁₁ H ₁₃ ClN ₄ O ₃
Molecular Weight:	284.7
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	Fenobam hydrate is a noncompetitive antagonist and inverse agonist of metabotropic glutamate receptor 5 (mGluR5). It inhibits intracellular calcium mobilization induced by the glutamate analog quisqualate and inhibits basal activity of mGluR5. Fenobam reduces stress-induced hyperthermia, exhibits anxiolytic-like activity, and may induce analgesia.
Targets(IC50)	Apoptosis,Others,GluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5125 mL	17.5623 mL	35.1247 mL
5 mM	0.7025 mL	3.5125 mL	7.0249 mL
10 mM	0.3512 mL	1.7562 mL	3.5125 mL
50 mM	0.0702 mL	0.3512 mL	0.7025 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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