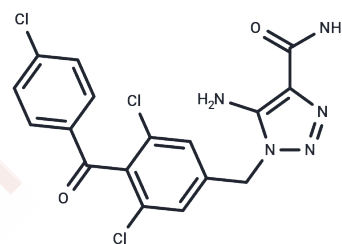


Carboxyamidotriazole

Chemical Properties

CAS No. :	99519-84-3
Formula:	C ₁₇ H ₁₂ Cl ₃ N ₅ O ₂
Molecular Weight:	424.67
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	Carboxyamidotriazole is a cytostatic inhibitor of non-voltage-operated calcium channels and calcium channel-mediated signaling pathways. It shows anti-inflammatory, anti-tumor, and antiangiogenic effects.
Targets(IC50)	Calcium Channel, NF-κB, NO Synthase, p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3548 mL	11.7738 mL	23.5477 mL
5 mM	0.471 mL	2.3548 mL	4.7095 mL
10 mM	0.2355 mL	1.1774 mL	2.3548 mL
50 mM	0.0471 mL	0.2355 mL	0.471 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

- Chen C, et al. Carboxyamidotriazole Synergizes with Bay 43-9006 to Combat Non-Small Cell Lung Cancer through Inhibition of NANOG and Aggravation of Apoptosis. *J Pharmacol Exp Ther.* 2017 Aug;362(2):219-229.
- Hussain MM, et al. *J Clin Oncol.* 2003 Dec 1;21(23):4356-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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