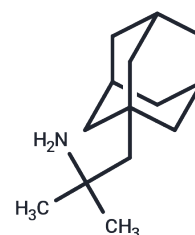


Somantadine

Chemical Properties

CAS No. :	79594-24-4
Formula:	C ₁₄ H ₂₅ N
Molecular Weight:	207.35
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	Somantadine has antiviral activities and can be used for research on preventing and treating coronavirus-related diseases.
Targets(IC50)	Antiviral,Antibacterial,Antifungal

Solubility Information

Solubility	DMSO: 11 mg/mL (53.05 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	4.8228 mL	24.1138 mL	48.2276 mL
5 mM	0.9646 mL	4.8228 mL	9.6455 mL
10 mM	0.4823 mL	2.4114 mL	4.8228 mL
50 mM	0.0965 mL	0.4823 mL	0.9646 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

- Xie S, et al. Magnetic-assisted biotinylated single-chain variable fragment antibody-based immunoassay for amantadine detection in chicken. Anal Bioanal Chem. 2018 Sep;410(24):6197-6205.
- Shuguang Yuan, et al. Application of cay10603 in preparation of drugs for preventing and treating coronavirus-related diseases. WO2022088038A1

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