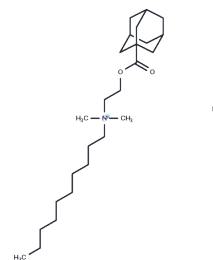


Amantanium bromide

Chemical Properties

CAS No. :	58158-77-3
Formula:	C ₂₅ H ₄₆ BrNO ₂
Molecular Weight:	472.54
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	Amantanium bromide (Amantanil bromidum) is a quaternary ammonium antibacterial/antifungal agent useful as a surgical antiseptic and for the topical therapy of mucous and cutaneous infections.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (126.97 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	2.1162 mL	10.5811 mL	21.1622 mL
5 mM	0.4232 mL	2.1162 mL	4.2324 mL
10 mM	0.2116 mL	1.0581 mL	2.1162 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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

Richard C. Allen. Chapter 32. To Market, To Market–1984[J]. Annual Reports in Medicinal Chemistry, 1985, 20:315-325.

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