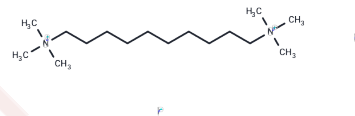


Decamethonium iodide

Chemical Properties

CAS No. :	1420-40-2
Formula:	C ₁₆ H ₃₈ I ₂ N ₂
Molecular Weight:	512.3
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	Decamethonium is a neuromuscular blocking agent or depolarizing muscle relaxant, and is used in anesthesia to induce paralysis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.952 mL	9.7599 mL	19.5198 mL
5 mM	0.3904 mL	1.952 mL	3.904 mL
10 mM	0.1952 mL	0.976 mL	1.952 mL
50 mM	0.039 mL	0.1952 mL	0.3904 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

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- Fuss J, Palii V, Voloboyeva A. Evaluating the Effectiveness of Antiseptic Solution Decasan in Treatment of Necrotic Soft Tissue Diseases. *Pol Przegl Chir*. 2016 Oct 1;88(5):233-237. doi: 10.1515/pjs-2016-0058. PubMed PMID: 27811344.
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