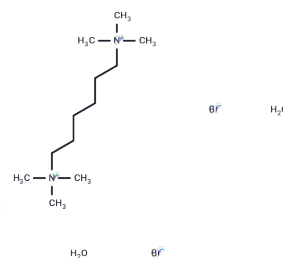


## Hexamethonium bromide dihydrate

## Chemical Properties

CAS No. :	5187-74-6
Formula:	C <sub>12</sub> H <sub>34</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	398.22
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	Hexamethonium bromide dihydrate is a non-depolarizing NMJ blocker and nAChR antagonist. It has previously been used to treat hypertension. It inhibits sympathetic nervous system activity and acts as a skeletal muscle relaxant.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5112 mL	12.5559 mL	25.1117 mL
5 mM	0.5022 mL	2.5112 mL	5.0223 mL
10 mM	0.2511 mL	1.2556 mL	2.5112 mL
50 mM	0.0502 mL	0.2511 mL	0.5022 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.

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