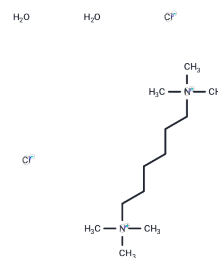


Hexamethonium chloride dihydrate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 16986-49-5 |
| Formula: | C ₁₂ H ₃₄ Cl ₂ N ₂ O ₂ |
| Molecular Weight: | 309.32 |
| 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 chloride 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 | 3.2329 mL | 16.1645 mL | 32.329 mL |
| 5 mM | 0.6466 mL | 3.2329 mL | 6.4658 mL |
| 10 mM | 0.3233 mL | 1.6164 mL | 3.2329 mL |
| 50 mM | 0.0647 mL | 0.3233 mL | 0.6466 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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