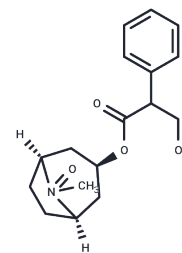


Atropine Oxide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 4438-22-6 |
| Formula: | C ₁₇ H ₂₃ NO ₄ |
| Molecular Weight: | 305.37 |
| 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 | Atropine Oxide is a derivative of Atropine. Atropine is a competitive antagonist of the muscarinic acetylcholine receptor types M1, M2, M3, M4, and M5. Atropine is a medication to treat certain types of nerve agents and pesticide poisonings as well as some types of slow heart rate. |
| Targets(IC50) | Others,Parasite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2747 mL | 16.3736 mL | 32.7472 mL |
| 5 mM | 0.6549 mL | 3.2747 mL | 6.5494 mL |
| 10 mM | 0.3275 mL | 1.6374 mL | 3.2747 mL |
| 50 mM | 0.0655 mL | 0.3275 mL | 0.6549 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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