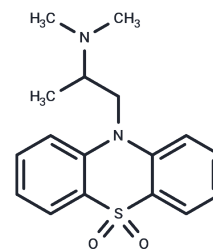


Dioxopromethazine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 13754-56-8 |
| Formula: | C ₁₇ H ₂₀ N ₂ O ₂ S |
| Molecular Weight: | 316.42 |
| 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 | Dioxopromethazine (Dioxoprothazine) is a drug for the treatment of a cough and expectoration. It also can be used in local anesthesia. |
| Targets(IC50) | Others,Histamine Receptor |

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.1604 mL | 15.8018 mL | 31.6036 mL |
| 5 mM | 0.6321 mL | 3.1604 mL | 6.3207 mL |
| 10 mM | 0.316 mL | 1.5802 mL | 3.1604 mL |
| 50 mM | 0.0632 mL | 0.316 mL | 0.6321 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

Edge, W., et al.: J. Pharm. Pharmacol., 5, 279 (1953)

Huang, et al.: J. Pharm. Sci., 59, 772 (1970)

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