

Pentolinium Tartrate

Chemical Properties

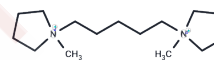
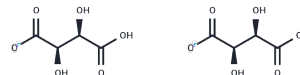
CAS No. : 52-62-0

Formula: C₁₅H₃₂N₂·2C₄H₅O₆

Molecular Weight: 538.6

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 | Pentolinium Tartrate (Pendine) is a nicotinic antagonist that has been used as a ganglionic blocking agent in hypertension. |
| Targets(IC50) | AChR |

Solubility Information

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|------------|--|
| Solubility | DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8567 mL | 9.2833 mL | 18.5667 mL |
| 5 mM | 0.3713 mL | 1.8567 mL | 3.7133 mL |
| 10 mM | 0.1857 mL | 0.9283 mL | 1.8567 mL |
| 50 mM | 0.0371 mL | 0.1857 mL | 0.3713 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

Cachelin AB, Rust G. Pflugers Arch. 1995 Jan;429(3):449-51.

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