

Pentolinium Tartrate

Chemical Properties

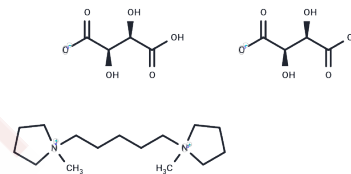
CAS No. : 52-62-0

Formula: C₁₅H₃₂N₂·2C₄H₅O₆

Molecular Weight: 538.6

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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

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

Reference

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

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