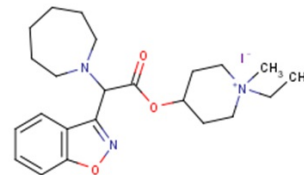


Beperidium iodide

Chemical Properties

CAS No.:	86434-57-3
Formula:	C ₂₃ H ₃₄ IN ₃ O ₃
Molecular Weight:	527.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Beperidium iodide is a competitive antagonist of the acetylcholine receptor (pA ₂ : 7.93).
Targets(IC ₅₀)	Acetylcholine receptor: (pA ₂) 7.93

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.896 mL	9.48 mL	18.96 mL
5 mM	0.379 mL	1.896 mL	3.792 mL
10 mM	0.19 mL	0.948 mL	1.896 mL
50 mM	0.038 mL	0.19 mL	0.379 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kawashima K, et al. Pharmacological properties of the novel antimuscarinic agent 4-[2-(1,2-benzisoxazol-3-yl)-2-(hexahydro-1H-azepin-1-yl)]a cetoxy]-1-ethyl-1-methylpiperidinium iodide. *Arzneimittelforschung*. 1986 Jun;36(6):927-35.

Inhibitors · Natural Compounds · Compound Libraries

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