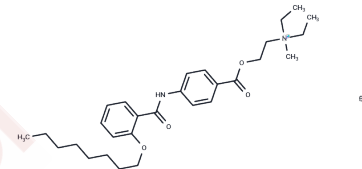


Otilonium bromide

Chemical Properties

CAS No. :	26095-59-0
Formula:	C ₂₉ H ₄₃ BrN ₂ O ₄
Molecular Weight:	563.57
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Otilonium bromide (SP63) , an antimuscarinic, is utilized as a spasmolytic agent.
Targets(IC50)	Calcium Channel,AChR
In vivo	Methazolamide is a carbonic anhydrase inhibitor that inhibits hCA I (Ki: 50 nM), hCA II (Ki: 14 nM) and bCA IV (Ki: 36 nM) isoforms.

Solubility Information

Solubility	DMSO: 55 mg/mL (97.59 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	1.7744 mL	8.872 mL	17.744 mL
5 mM	0.3549 mL	1.7744 mL	3.5488 mL
10 mM	0.1774 mL	0.8872 mL	1.7744 mL
50 mM	0.0355 mL	0.1774 mL	0.3549 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

- Maggi CA, et al. Arch Int Pharmacodyn Ther, 1983, 264(2), 305-323.
Battaglia G, et al. Aliment Pharmacol Ther, 1998, 12(10), 1003-1010.

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