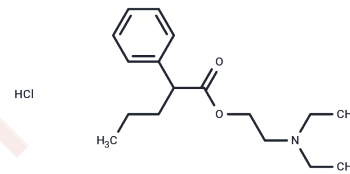


Prospasmine

Chemical Properties

CAS No. :	132-45-6
Formula:	C ₁₇ H ₂₈ ClNO ₂
Molecular Weight:	313.87
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	Prospasmine is an anticholinergic.
Targets(IC50)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.186 mL	15.9302 mL	31.8603 mL
5 mM	0.6372 mL	3.186 mL	6.3721 mL
10 mM	0.3186 mL	1.593 mL	3.186 mL
50 mM	0.0637 mL	0.3186 mL	0.6372 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

- Krácmar J. [Analytical study of anticholinergics from the group of carboxylic acid esters. VI. Study of the stability of the chloride of the beta-diethylaminoethylester of diphenylhydroxyacetic acid (benactyzine), of the chloride of the beta-diethylaminoethylester of the phenyl-n-propylacetic acid (prospasmine), of the 2-(phenylcyclohexylhydroxyacetoxyl)-ethyl-dimethyldulfonium iodide (hydroxythiospasmine) and of the 2-(phenylcyclohexylacetoxyl)-ethyl-dimethylsulfonium iodide (thiospasmine)]. Cesk Farm. 1965 Jun;14(5):206-12. Czech. PubMed PMID: 5838130.
- Bajgar J. [Photometric determination of benactyzine, diphemin, trasentine and prospasmine]. Cesk Farm. 1969 Jan; 18(1):15-7. Czech. PubMed PMID: 4388588.

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