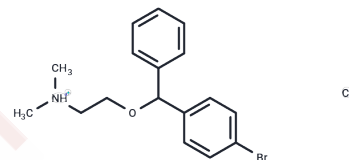


Bromodiphenhydramine hydrochloride

Chemical Properties

CAS No. :	1808-12-4
Formula:	C ₁₇ H ₂₁ BrClNO
Molecular Weight:	370.71
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	Bromodiphenhydramine hydrochloride is a new antihistaminic in the control of cutaneous.
Targets(IC50)	Others,Antibacterial,Histamine Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (148.36 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	2.6975 mL	13.4876 mL	26.9753 mL
5 mM	0.5395 mL	2.6975 mL	5.3951 mL
10 mM	0.2698 mL	1.3488 mL	2.6975 mL
50 mM	0.054 mL	0.2698 mL	0.5395 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

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Attwood D, Udeala OK. Aggregation of antihistamines in aqueous solution. The effect of electrolyte on the miscellar properties of some diphenylmethane derivatives. J Pharm Pharmacol. 1975 Jun;27(6):395-9. PubMed PMID: 237086.

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