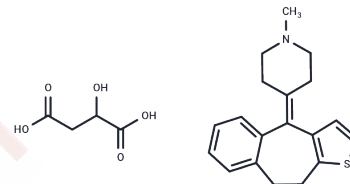


Pizotifen Malate

Chemical Properties

CAS No. :	5189-11-7
Formula:	C ₁₉ H ₂₁ N ₅ ·C ₄ H ₆ O ₅
Molecular Weight:	429.53
Storage:	Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pizotifen Malate (BC-105 malate), a highly selective 5-HT receptor blocking agent, is a drug based on benzocycloheptane.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 20 mg/mL (46.56 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.66 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3281 mL	11.6406 mL	23.2813 mL
5 mM	0.4656 mL	2.3281 mL	4.6563 mL
10 mM	0.2328 mL	1.1641 mL	2.3281 mL
50 mM	0.0466 mL	0.2328 mL	0.4656 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

Margarit MV, et al. Drug Dev Ind Pharm. 2001 Jul;27(6):517-22.

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