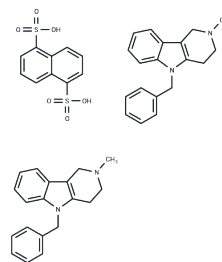


Mebhydrolin napadisylate

Chemical Properties

CAS No. :	6153-33-9
Formula:	C ₁₉ H ₂₀ N ₂ ·1/2C ₁₀ H ₈ O ₆ S ₂
Molecular Weight:	420.52
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	Mebhydrolin napadisylate (Incidal) is an antihistamine used to relieve allergic symptoms caused by histamine release, including nasal allergies and allergic dermatosis.
Targets(IC50)	5-HT Receptor, AChR, Histamine Receptor

Solubility Information

Solubility	DMSO: 12.5 mg/mL (29.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 1.25 mg/mL (2.97 mM), Solution. <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	2.378 mL	11.890 mL	23.7801 mL
5 mM	0.4756 mL	2.378 mL	4.756 mL
10 mM	0.2378 mL	1.189 mL	2.378 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 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

Franks HM, et al. Med J Aust. 1981 Oct 31;2(9):477-9.

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