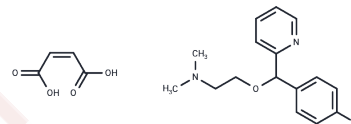


Carbinoxamine Maleate Salt

Chemical Properties

CAS No. :	3505-38-2
Formula:	C ₂₀ H ₂₃ ClN ₂ O ₅
Molecular Weight:	406.86
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	Carbinoxamine Maleate Salt (Lergefin) is an ethanolamine class of H1 antihistamines with mild antimuscarinic and sedative properties.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	Ethanol: 81 mg/mL (199.09 mM),Sonication is recommended. DMSO: 125 mg/mL (307.23 mM),Sonication is recommended. (< 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 (4.92 mM),Sonication is recommended. 10% DMSO+90% Saline: 10 mg/mL (24.58 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	2.4578 mL	12.2892 mL	24.5785 mL
5 mM	0.4916 mL	2.4578 mL	4.9157 mL
10 mM	0.2458 mL	1.2289 mL	2.4578 mL
50 mM	0.0492 mL	0.2458 mL	0.4916 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

Oishi R, et al. Naunyn Schmiedebergs Arch Pharmacol. 1994 Feb;349(2):140-4.

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