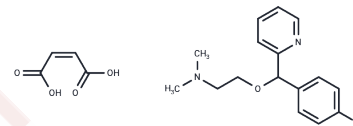


## Carbinoxamine Maleate Salt

## Chemical Properties

CAS No. :	3505-38-2
Formula:	C <sub>20</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	406.86
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## 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: 55 mg/mL (135.18 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	2.4578 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.

## Reference

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

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