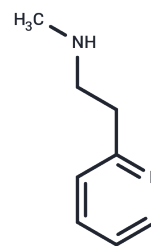


## Betahistine

## Chemical Properties

CAS No. :	5638-76-6
Formula:	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub>
Molecular Weight:	136.19
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Betahistine (Vasomotal) is a histamine analog and H1 receptor agonist that serves as a vasodilator. It is used in MENIERE DISEASE and in vascular headaches but may exacerbate bronchial asthma and peptic ulcers. Betahistine dihydrochloride is an anti-vertigo drug. It is commonly prescribed for balance disorders or to alleviate vertigo symptoms associated with Ménière's disease.
Targets(IC50)	Histamine Receptor

## Solubility Information

Solubility	DMSO: 30 mg/mL (220.28 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	7.3427 mL	36.7134 mL	73.4268 mL
5 mM	1.4685 mL	7.3427 mL	14.6854 mL
10 mM	0.7343 mL	3.6713 mL	7.3427 mL
50 mM	0.1469 mL	0.7343 mL	1.4685 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

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