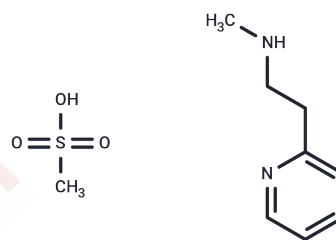


Betahistine mesylate

Chemical Properties

CAS No. :	54856-23-4
Formula:	C ₈ H ₁₂ N ₂ ·2(CH ₄ O ₃ S)
Molecular Weight:	328.4
Appearance:	no data available
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Betahistine mesylate (Extovyl) 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.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 59 mg/mL (179.66 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	3.0451 mL	15.2253 mL	30.4507 mL
5 mM	0.609 mL	3.0451 mL	6.0901 mL
10 mM	0.3045 mL	1.5225 mL	3.0451 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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

Lacour M, Sterkers O. CNS Drugs. 2001; 15(11): 853-70.

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