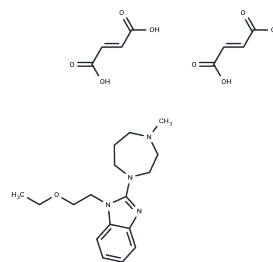


Emedastine Difumarate

Chemical Properties

CAS No. :	87233-62-3
Formula:	C ₂₅ H ₃₄ N ₄ O ₉
Molecular Weight:	534.56
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	Emedastine Difumarate is a selective histamine H1 receptor antagonist with anti-allergic activity, prescribed for allergic conjunctivitis. Upon ocular administration, emedastine causes a dose-dependent inhibition of histamine-stimulated vascular permeability in the conjunctiva.
Targets(IC50)	Others,Histamine Receptor

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8707 mL	9.3535 mL	18.707 mL
5 mM	0.3741 mL	1.8707 mL	3.7414 mL
10 mM	0.1871 mL	0.9353 mL	1.8707 mL
50 mM	0.0374 mL	0.1871 mL	0.3741 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

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Pons-Guiraud A, Nekam K, Lahovsky J, Costa A, Piacentini A. Emedastine difumarate versus loratadine in chronic idiopathic urticaria: a randomized, double-blind, controlled European multicentre clinical trial. *Eur J Dermatol*. 2006 Nov-Dec;16(6):649-54. PubMed PMID: 17229605.

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