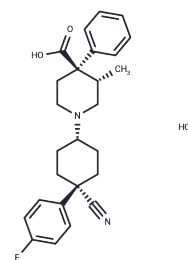


Levocabastine hydrochloride

Chemical Properties

CAS No. :	79547-78-7
Formula:	C ₂₆ H ₃₀ ClFN ₂ O ₂
Molecular Weight:	456.98
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	Levocabastine HCl is an agent with antihistaminic activity.
Targets(IC50)	Others,Neurotensin Receptor,Histamine Receptor,Integrin

Solubility Information

Solubility	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	2.1883 mL	10.9414 mL	21.8828 mL
5 mM	0.4377 mL	2.1883 mL	4.3766 mL
10 mM	0.2188 mL	1.0941 mL	2.1883 mL
50 mM	0.0438 mL	0.2188 mL	0.4377 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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Murdoch RD, Bareille P, Ignar D, Mark S, Miller SR, Gupta A, Salapatek AM, Patel P. Once-daily dosing of levocabastine has comparable efficacy to twice-daily dosing in the treatment of allergic rhinitis assessed in an allergen challenge chamber. *Int J Clin Pharmacol Ther.* 2015 Oct;53(10):811-8. doi: 10.5414/CP202389. PubMed PMID: 26249767.

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Allaire C, Siou-Mermet R, Bassols A. [Safety and efficacy of a new preservative-free levocabastine ophthalmic solution (Levofree®) using the conjunctival provocation test]. *J Fr Ophtalmol.* 2012 Sep;35(7):491-8. doi: 10.1016/j.jfo.2011.08.016. Epub 2012 Apr 10. French. PubMed PMID: 22498504.

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