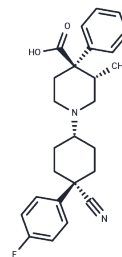


## Levocabastine

## Chemical Properties

CAS No. :	79516-68-0
Formula:	C <sub>26</sub> H <sub>29</sub> FN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	420.52
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	Levocarbastine is a second-generation H1 receptor antagonist for allergic conjunctivitis. It also acts as a potent selective antagonist for the neurotensin receptor NTS2 and is the first drug to be used to characterize different neurotensin subtypes.
Targets(IC50)	Others, Neurotensin Receptor, Histamine Receptor, Integrin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.378 mL	11.890 mL	23.7801 mL
5 mM	0.4756 mL	2.378 mL	4.756 mL
10 mM	0.2378 mL	1.189 mL	2.378 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 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

- Akiyoshi M, Shigeoka T, Torii S, Maki E, Enomoto S, Takahashi H, Hirano F. [Pharmacological and clinical properties of levocabastine hydrochloride (eye drop and nasal spray), a selective H1 antagonist]. *Nihon Yakurigaku Zasshi*. 2002 Mar;119(3):175-84. Review. Japanese. PubMed PMID: 11915520.
- Noble S, McTavish D. Levocabastine. An update of its pharmacology, clinical efficacy and tolerability in the topical treatment of allergic rhinitis and conjunctivitis. *Drugs*. 1995 Dec;50(6):1032-49. Review. PubMed PMID: 8612470.
- Heykants J, Van Peer A, Van de Velde V, Snoeck E, Meuldermans W, Woestenborghs R. The pharmacokinetic properties of topical levocabastine. A review. *Clin Pharmacokinet*. 1995 Oct;29(4):221-30. Review. PubMed PMID: 8549024.
- Bahmer FA. Topical levocabastine--an effective alternative to oral antihistamines in seasonal allergic rhinoconjunctivitis. *Clin Exp Allergy*. 1995 Mar;25(3):220-7. Review. PubMed PMID: 7788568.

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