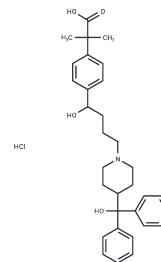


## Fexofenadine hydrochloride

## Chemical Properties

CAS No. :	153439-40-8
Formula:	C <sub>32</sub> H <sub>39</sub> NO <sub>4</sub> ·HCl
Molecular Weight:	538.13
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Fexofenadine hydrochloride (Terfenidine carboxylate hydrochloride) is a second generation antihistamine that is used for the treatment of allergic rhinitis, angioedema and chronic urticaria.
Targets(IC50)	Histamine Receptor

## Solubility Information

Solubility	DMSO: 26.9 mg/mL (49.99 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	1.8583 mL	9.2914 mL	18.5829 mL
5 mM	0.3717 mL	1.8583 mL	3.7166 mL
10 mM	0.1858 mL	0.9291 mL	1.8583 mL
50 mM	0.0372 mL	0.1858 mL	0.3717 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

Bachert C, et al. A review of the efficacy of desloratadine, fexofenadine, and levocetirizine in the treatment of nasal congestion in patients with allergic rhinitis. Clin Ther 31 (5): 921-44.

Compalati E, et al. Systematic review on the efficacy of fexofenadine in seasonal allergic rhinitis: a meta-analysis of randomized, double-blind, placebo-controlled clinical trials. International Archives of Allergy and Immunology 156 (1): 1-15.

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