

## Levocetirizine

## Chemical Properties

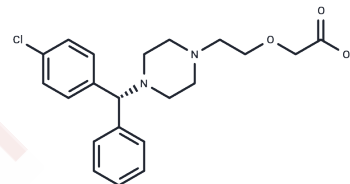
CAS No. : 130018-77-8

Formula: C<sub>21</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>3</sub>

Molecular Weight: 388.89

Appearance: no data available

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Levocetirizine is a Histamine-1 Receptor Antagonist. The mechanism of action of levocetirizine is as a Histamine H1 Receptor Antagonist.
Targets(IC50)	Histamine Receptor

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (57.86 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	2.5714 mL	12.8571 mL	25.7142 mL
5 mM	0.5143 mL	2.5714 mL	5.1428 mL
10 mM	0.2571 mL	1.2857 mL	2.5714 mL
50 mM	0.0514 mL	0.2571 mL	0.5143 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

Pasquali M, et al. Clin Exp Allergy. 2006 Sep;36(9):1161-7.

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Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 36 Washington Street, Wellesley Hills, MA 02481