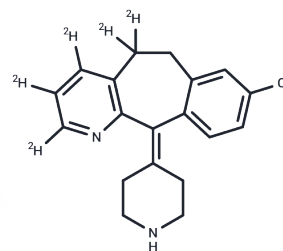


Desloratadine-D5

Chemical Properties

CAS No. :	1020719-34-9
Formula:	C ₁₉ H ₁₄ D ₅ ClN ₂
Molecular Weight:	315.85
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	Desloratadine-D5 is a deuterated compound of Desloratadine. Desloratadine (T2520) has a CAS number of 100643-71-8. Desloratadine (T2520) is a long-acting piperidine derivate with selective H ₁ antihistaminergic and non-sedating properties. Desloratadine (T2520) diminishes the typical histaminergic effects on H ₁ -receptors in bronchial smooth muscle, capillaries and gastrointestinal smooth muscle, including vasodilation, bronchoconstriction, increased vascular permeability, pain, itching and spasmodic contractions of gastrointestinal smooth muscle. Desloratadine (T2520) is used to provide symptomatic relieve of allergic symptoms.
Targets(IC50)	Endogenous Metabolite,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1661 mL	15.8303 mL	31.6606 mL
5 mM	0.6332 mL	3.1661 mL	6.3321 mL
10 mM	0.3166 mL	1.583 mL	3.1661 mL
50 mM	0.0633 mL	0.3166 mL	0.6332 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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