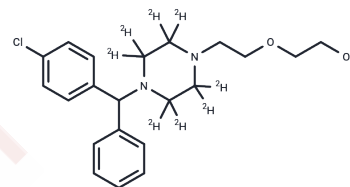


## Hydroxyzine-D8

## Chemical Properties

CAS No. :	1189480-47-4
Formula:	C <sub>21</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	382.95
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	Hydroxyzine-D8, a deuterium-labeled version of Hydroxyzine, acts as a histamine H1-receptor antagonist.
Targets(IC50)	Histamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6113 mL	13.0565 mL	26.1131 mL
5 mM	0.5223 mL	2.6113 mL	5.2226 mL
10 mM	0.2611 mL	1.3057 mL	2.6113 mL
50 mM	0.0522 mL	0.2611 mL	0.5223 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

Minogiannis, P., et al., Hydroxyzine inhibits neurogenic bladder mast cell activation. Int J Immunopharmacol, 1998. 20(10): p. 553-63.

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