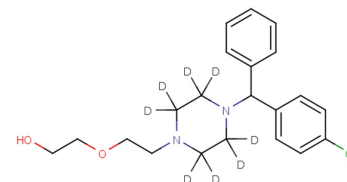


Hydroxyzine D8

Chemical Properties

CAS No.:	1189480-47-4
Formula:	C ₂₁ H ₁₉ D ₈ CIN ₂ O ₂
Molecular Weight:	382.95
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Hydroxyzine D8 is deuterium labeled Hydroxyzine. Hydroxyzine is a histamine H1-receptor antagonist.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.611 mL	13.057 mL	26.113 mL
5 mM	0.522 mL	2.611 mL	5.223 mL
10 mM	0.261 mL	1.306 mL	2.611 mL
50 mM	0.052 mL	0.261 mL	0.522 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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