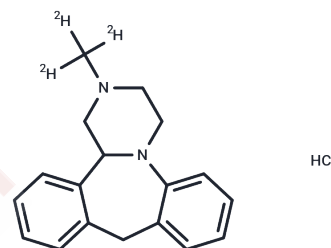


## Mianserin-D3 hydrochloride

## Chemical Properties

CAS No. :	1219804-97-3
Formula:	C <sub>18</sub> H <sub>18</sub> D <sub>3</sub> ClN <sub>2</sub>
Molecular Weight:	303.84
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	Mianserin-D3 hydrochloride is a deuterated compound of Mianserin Hydrochloride (TMSM-3431). Mianserin hydrochloride has a CAS number of 21535-47-7. Mianserin hydrochloride is a tetracyclic compound with antidepressant effects. It apparently blocks alpha-adrenergic, histamine H1, and some types of serotonin receptors. It may cause drowsiness and hematological problems.
Targets(IC50)	Histamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2912 mL	16.456 mL	32.9121 mL
5 mM	0.6582 mL	3.2912 mL	6.5824 mL
10 mM	0.3291 mL	1.6456 mL	3.2912 mL
50 mM	0.0658 mL	0.3291 mL	0.6582 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.

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