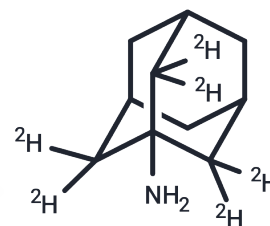


## Amantadine-D6

## Chemical Properties

CAS No. :	1219805-53-4
Formula:	C <sub>10</sub> H <sub>11</sub> D <sub>6</sub> N
Molecular Weight:	157.29
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	Amantadine-D6 is a deuterated compound of Amantadine. Amantadine (T7060) has a CAS number of 768-94-5. Amantadine (T7060) (1-Aminoadamantane) is an antiviral, is a weak antagonist of the NMDA-type glutamate receptor, increases dopamine release, and blocks dopamine reuptake.
Targets(IC50)	Apoptosis,Bcl-2 Family,CDK,Influenza Virus,SARS-CoV,Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3577 mL	31.7884 mL	63.5768 mL
5 mM	1.2715 mL	6.3577 mL	12.7154 mL
10 mM	0.6358 mL	3.1788 mL	6.3577 mL
50 mM	0.1272 mL	0.6358 mL	1.2715 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

Lim J K , Wooten D , Siegel R , et al. Amantadine in treatment of chronic hepatitis C virus infection?[[J]]. Journal of Viral Hepatitis, 2005, 12(5):445-455.

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