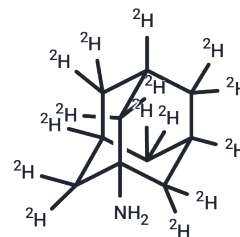


1-Aminoadamantane-D15

Chemical Properties

CAS No. :	33830-10-3
Formula:	C ₁₀ H ₂ D ₁₅ N
Molecular Weight:	166.34
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	1-Aminoadamantane-D15 is a deuterated compound of 1-Aminoadamantane. 1-Aminoadamantane 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, Influenza Virus, SARS-CoV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0118 mL	30.0589 mL	60.1178 mL
5 mM	1.2024 mL	6.0118 mL	12.0236 mL
10 mM	0.6012 mL	3.0059 mL	6.0118 mL
50 mM	0.1202 mL	0.6012 mL	1.2024 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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