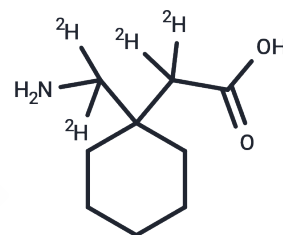


## Gabapentin-D4

### Chemical Properties

CAS No. : 1185039-20-6  
 Formula: C<sub>9</sub>H<sub>13</sub>D<sub>4</sub>NO<sub>2</sub>  
 Molecular Weight: 175.26  
 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	Gabapentin-D4 is a deuterated compound of Gabapentin. Gabapentin (T0702) has a CAS number of 60142-96-3. Gabapentin (T0702) is an Anti-epileptic Agent. The physiologic effect of gabapentin is by means of Decreased Central Nervous System Disorganized Electrical Activity.
Targets(IC50)	Calcium Channel

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7058 mL	28.529 mL	57.0581 mL
5 mM	1.1412 mL	5.7058 mL	11.4116 mL
10 mM	0.5706 mL	2.8529 mL	5.7058 mL
50 mM	0.1141 mL	0.5706 mL	1.1412 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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