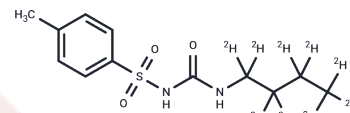


## Tolbutamide-D9

### Chemical Properties

CAS No. : 1219794-57-6  
 Formula: C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 279.40  
 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	Tolbutamide-D9 is the deuterated form of Tolbutamide. Tolbutamide (T1054) is a first-generation potassium channel blocker and an orally active sulfonyleurea compound used for lowering blood sugar.
Targets(IC50)	Autophagy,Potassium Channel

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5791 mL	17.8955 mL	35.791 mL
5 mM	0.7158 mL	3.5791 mL	7.1582 mL
10 mM	0.3579 mL	1.7895 mL	3.5791 mL
50 mM	0.0716 mL	0.3579 mL	0.7158 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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