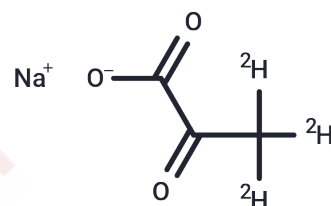


## Sodium 2-oxopropanoate-D3

## Chemical Properties

CAS No. :	1316291-18-5
Formula:	C <sub>3</sub> H <sub>3</sub> NaO <sub>3</sub>
Molecular Weight:	113.06
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	Sodium 2-oxopropanoate-D3 is the deuterated form of Sodium 2-oxopropanoate. Sodium 2-oxopropanoate (T7717) (Sodium pyruvate), a three-carbon metabolite of glucose, is produced during the glycolysis pathway. It functions as a free radical scavenger capable of removing reactive oxygen species (ROS).
Targets(IC50)	Reactive Oxygen Species, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.8449 mL	44.2243 mL	88.4486 mL
5 mM	1.769 mL	8.8449 mL	17.6897 mL
10 mM	0.8845 mL	4.4224 mL	8.8449 mL
50 mM	0.1769 mL	0.8845 mL	1.769 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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