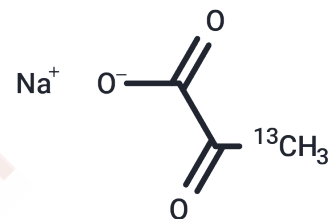


Sodium 2-oxopropanoate-13C

Chemical Properties

CAS No. :	124052-04-6
Formula:	C ₃ H ₃ NaO ₃
Molecular Weight:	111.04
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-13C is a 13C-labeled version of Sodium 2-oxopropanoate. Known as Sodium pyruvate, this compound is a three-carbon metabolite of glucose produced during glycolysis. Additionally, Sodium 2-oxopropanoate (T7717) acts as a free radical scavenger capable of eliminating reactive oxygen species (ROS).
Targets(IC50)	Reactive Oxygen Species, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.0058 mL	45.0288 mL	90.0576 mL
5 mM	1.8012 mL	9.0058 mL	18.0115 mL
10 mM	0.9006 mL	4.5029 mL	9.0058 mL
50 mM	0.1801 mL	0.9006 mL	1.8012 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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