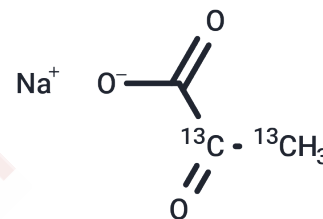


2-Oxopropanoate-13C5 sodium

Chemical Properties

CAS No. :	89196-78-1
Formula:	C3H3NaO3
Molecular Weight:	112.03
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	2-Oxopropanoate-13C5 sodium is the 13C-labeled form of Sodium 2-oxopropanoate. Known as Sodium pyruvate, it is a three-carbon metabolite of glucose produced during glycolysis. Additionally, Sodium 2-oxopropanoate 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	8.9262 mL	44.6309 mL	89.2618 mL
5 mM	1.7852 mL	8.9262 mL	17.8524 mL
10 mM	0.8926 mL	4.4631 mL	8.9262 mL
50 mM	0.1785 mL	0.8926 mL	1.7852 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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