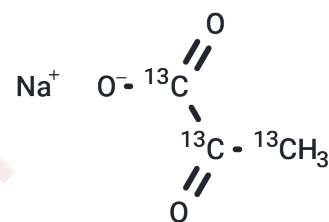


Sodium 2-oxopropanoate-13C3

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 142014-11-7 |
| Formula: | C ₃ H ₃ NaO ₃ |
| Molecular Weight: | 113.02 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | Sodium 2-oxopropanoate-13C3 is a 13C labeled version of Sodium 2-oxopropanoate. Sodium 2-oxopropanoate (T7717) (Sodium pyruvate), a three-carbon metabolite of glucose, is produced in the glycolytic pathway. It 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 | 8.848 mL | 44.240 mL | 88.4799 mL |
| 5 mM | 1.7696 mL | 8.848 mL | 17.696 mL |
| 10 mM | 0.8848 mL | 4.424 mL | 8.848 mL |
| 50 mM | 0.177 mL | 0.8848 mL | 1.7696 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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