

Oxaloacetic acid-13C4

Chemical Properties

CAS No. : 161096-82-8

Formula: C₄H₄O₅

Molecular Weight: 136.04

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	Oxaloacetic acid-13C4 is the 13C labeled form of oxaloacetic acid. Oxaloacetic acid (T4862) (2-Oxosuccinic acid) serves as a metabolic intermediate involved in various pathways, including the citric acid cycle, gluconeogenesis, the urea cycle, the glyoxylate cycle, amino acid synthesis, and fatty acid synthesis.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3508 mL	36.7539 mL	73.5078 mL
5 mM	1.4702 mL	7.3508 mL	14.7016 mL
10 mM	0.7351 mL	3.6754 mL	7.3508 mL
50 mM	0.147 mL	0.7351 mL	1.4702 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481