

α-Ketoglutaric acid disodium dihydrate

Chemical Properties

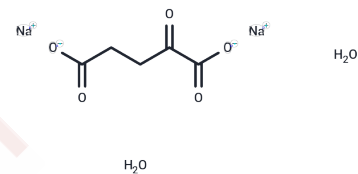
CAS No. : 1282616-74-3

Formula: C₅H₈Na₂O₇

Molecular Weight: 226.09

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	α-Ketoglutaric acid disodium dihydrate is a significant dicarboxylic acid, serving as an intermediate in the tricarboxylic acid cycle (TCC) and amino acid metabolism. It is utilized as a building block chemical in heterocyclic compound synthesis, as well as an ingredient in dietary supplements, infusion solutions, wound healing compounds, and as a key component in novel elastomers exhibiting various intriguing mechanical and chemical properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.423 mL	22.1151 mL	44.2302 mL
5 mM	0.8846 mL	4.423 mL	8.846 mL
10 mM	0.4423 mL	2.2115 mL	4.423 mL
50 mM	0.0885 mL	0.4423 mL	0.8846 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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