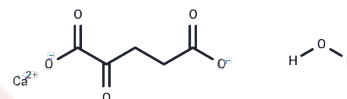


## Alpha-calcium ketoglutarate monohydrate

## Chemical Properties

CAS No. :	402726-78-7
Formula:	C <sub>5</sub> H <sub>6</sub> CaO <sub>6</sub>
Molecular Weight:	202.18
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	Alpha-calcium ketoglutarate monohydrate is the calcium salt form of Alpha-ketoglutarate, which is involved in the tricarboxylic acid cycle in organisms.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: < 2.02 mg/mL (10 mM, insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9461 mL	24.7304 mL	49.4609 mL
5 mM	0.9892 mL	4.9461 mL	9.8922 mL
10 mM	0.4946 mL	2.473 mL	4.9461 mL
50 mM	0.0989 mL	0.4946 mL	0.9892 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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