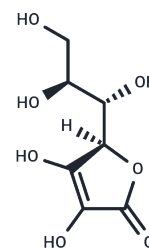


Glucoascorbic acid, L-

Chemical Properties

CAS No. :	26566-39-2
Formula:	C7H10O7
Molecular Weight:	206.15
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	Glucoascorbic acid, L- is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8508 mL	24.2542 mL	48.5084 mL
5 mM	0.9702 mL	4.8508 mL	9.7017 mL
10 mM	0.4851 mL	2.4254 mL	4.8508 mL
50 mM	0.097 mL	0.4851 mL	0.9702 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.

Reference

Wimalasena K, Dharmasena S. Substrate specificity of ascorbate oxidase: unexpected similarity to the reduction site of dopamine beta-monooxygenase. *Biochem Biophys Res Commun.* 1994 Sep 30;203(3):1471-6. PubMed PMID: 7945293.

Wimalasena K, Dharmasena S, Wimalasena DS. Ascorbate based novel high affinity alternate reductants and competitive inhibitors of dopamine beta-monooxygenase. *Biochem Biophys Res Commun.* 1994 Apr 15;200(1):113-9. PubMed PMID: 8166679.

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