

Farnesylcysteine

Chemical Properties

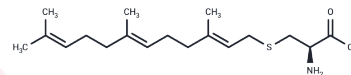
CAS No. : 68000-92-0

Formula: C₁₈H₃₁NO₂S

Molecular Weight: 325.51

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	Farnesylcysteine (FC) serves as a competitive inhibitor of ICMT and is associated with an ABA hypersensitive phenotype in Arabidopsis thaliana. The fclly mutant exhibits reduced farnesylcysteine (FC) lyase activity and shows an increased response to ABA [1].
Targets(IC50)	Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0721 mL	15.3605 mL	30.721 mL
5 mM	0.6144 mL	3.0721 mL	6.1442 mL
10 mM	0.3072 mL	1.5361 mL	3.0721 mL
50 mM	0.0614 mL	0.3072 mL	0.6144 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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