

DGTS

Chemical Properties

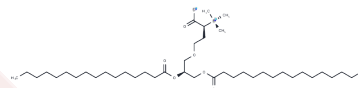
CAS No. : 1607456-57-4

Formula: C42H81NO7

Molecular Weight: 712.1

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	DGTS, a structural isomer of DGTA and one of the most prevalent betaine lipids in microalgae, particularly in Chlorophyceae [1], functions as a helper lipid similar in structure to DSPE or DOPE.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4043 mL	7.0215 mL	14.043 mL
5 mM	0.2809 mL	1.4043 mL	2.8086 mL
10 mM	0.1404 mL	0.7021 mL	1.4043 mL
50 mM	0.0281 mL	0.1404 mL	0.2809 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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