

$\beta$ -L-Gulopyranosyl-caldarchaetidyl-glycerol

## Chemical Properties

CAS No. :	416880-23-4
Formula:	C95H189O16P
Molecular Weight:	1618.48
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	$\beta$ -L-Gulopyranosyl-caldarchaetidyl-glycerol is the principal polar lipid in the archaeon <i>T. acidophilum</i> . Its cellular levels in <i>T. acidophilum</i> HO-62 show a positive correlation with culture pH and a negative correlation with temperature. This compound also serves as a standard for polar lipid quantification from <i>T. acidophilum</i> HO-62. [Matreya, LLC. Catalog No. 1303]
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6179 mL	3.0893 mL	6.1786 mL
5 mM	0.1236 mL	0.6179 mL	1.2357 mL
10 mM	0.0618 mL	0.3089 mL	0.6179 mL
50 mM	0.0124 mL	0.0618 mL	0.1236 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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