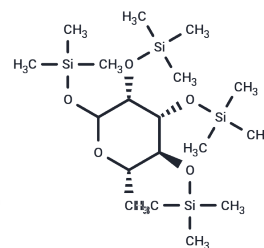


## Trimethylsilyl-L-(+)-rhamnose

## Chemical Properties

CAS No. :	108392-01-4
Formula:	C <sub>18</sub> H <sub>44</sub> O <sub>5</sub> Si <sub>4</sub>
Molecular Weight:	452.88
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	Trimethylsilyl-L-(+)-rhamnose, a chemically modified version of the natural sugar rhamnose, is utilized for studying the role of rhamnose in bacterial cell walls. [Trimethylsilyl-L-(+)-rhamnose] can be used to investigate the composition and biological functions of bacterial cell walls, aiding scientists in understanding bacterial growth and resistance mechanisms.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2081 mL	11.0405 mL	22.0809 mL
5 mM	0.4416 mL	2.2081 mL	4.4162 mL
10 mM	0.2208 mL	1.104 mL	2.2081 mL
50 mM	0.0442 mL	0.2208 mL	0.4416 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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