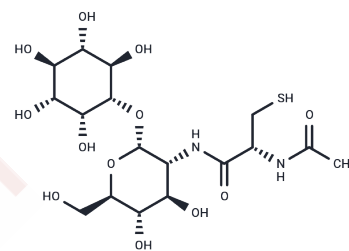


Mycothioli

Chemical Properties

CAS No. :	192126-76-4
Formula:	C17H30N2O12S
Molecular Weight:	486.49
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	Mycothioli is a glyco-inositol-cysteine. It also conjugates exogenous compounds for detoxication. It also is the microbe equivalent of glutathione in the eukaryote.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0555 mL	10.2777 mL	20.5554 mL
5 mM	0.4111 mL	2.0555 mL	4.1111 mL
10 mM	0.2056 mL	1.0278 mL	2.0555 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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

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- Pedre B, Van Molle I, Villadangos AF, Wahni K, Vertommen D, Turell L, Erdogan H, Mateos LM, Messens J. The *Corynebacterium glutamicum* mycothiol peroxidase is a reactive oxygen species-scavenging enzyme that shows promiscuity in thiol redox control. *Mol Microbiol*. 2015 Jun;96(6):1176-91. doi: 10.1111/mmi.12998. Epub 2015 Apr 11. PubMed PMID: 25766783.

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