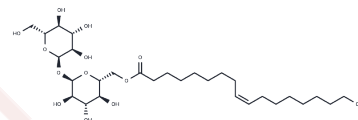


## 6-Trehalose Monooleate

## Chemical Properties

CAS No. :	338733-38-3
Formula:	C30H54O12
Molecular Weight:	606.74
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	6-Trehalose monooleate is a glycolipid employed in creating lipid nanoparticles (LNPs) for ex vivo delivery of immunosuppressants. In a tape-stripping test with isolated rabbit ear skin, LNPs with 6-trehalose monooleate encapsulating cyclosporin A predominantly accumulate in the stratum corneum rather than the epidermis and dermis. Additionally, 6-trehalose monooleate serves as an anti-aggregation agent for proteins.
Targets(IC50)	Others,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6482 mL	8.2408 mL	16.4815 mL
5 mM	0.3296 mL	1.6482 mL	3.2963 mL
10 mM	0.1648 mL	0.8241 mL	1.6482 mL
50 mM	0.033 mL	0.1648 mL	0.3296 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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