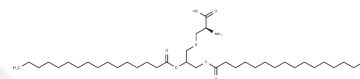


Pam2Cys

Chemical Properties

CAS No. : 656831-18-4
Formula: C38H73NO6S
Molecular Weight: 672.05
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	Pam2Cys is an L-cysteine thioether where the hydrogen of the thiol group is replaced by a 2,3-di(palmitoyloxy)propyl group. It acts as a Toll-like receptor 2 agonist and a metabolite of Mycoplasma genitalium. Additionally, Pam2Cys is associated with the function of palmitoleic acid.
Targets(IC50)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.488 mL	7.4399 mL	14.8798 mL
5 mM	0.2976 mL	1.488 mL	2.976 mL
10 mM	0.1488 mL	0.744 mL	1.488 mL
50 mM	0.0298 mL	0.1488 mL	0.2976 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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