

MPSD

Chemical Properties

CAS No. : 134248-85-4

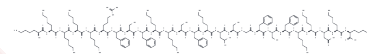
Formula: C147H243N41O31

Molecular Weight: 3080.76

Keep away from moisture

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	MPSD (MARCKS-ED), a 25-amino acid peptide derived from the effector domain sequence of the myristoylated alanine-rich C-kinase substrate (MARCKS), possesses the ability to detect membrane curvature and identify phosphatidylserine. This compound is valuable as a biological probe for investigating membrane shape and lipid composition.
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3246 mL	1.623 mL	3.246 mL
5 mM	0.0649 mL	0.3246 mL	0.6492 mL
10 mM	0.0325 mL	0.1623 mL	0.3246 mL
50 mM	0.0065 mL	0.0325 mL	0.0649 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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