

LNSMGQD

Chemical Properties

CAS No. : 1152066-26-6

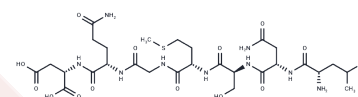
Formula: C29H49N9O13S

Molecular Weight: 763.82

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	LNSMGQD is a peptide that targets the adhesive interfaces of desmoglein (DSG1 and DSG3) core glycoproteins, interfering with the single peptide (SP) components of DSG trans-interactions. By binding to DSGs, LNSMGQD prevents the loss of DSG trans-interactions induced by autoantibodies, inhibits the activation of p38 MAPK, and prevents keratin filament retraction. It is useful for research into autoimmune skin diseases such as pemphigus vulgaris.
Targets(IC50)	p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3092 mL	6.546 mL	13.0921 mL
5 mM	0.2618 mL	1.3092 mL	2.6184 mL
10 mM	0.1309 mL	0.6546 mL	1.3092 mL
50 mM	0.0262 mL	0.1309 mL	0.2618 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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