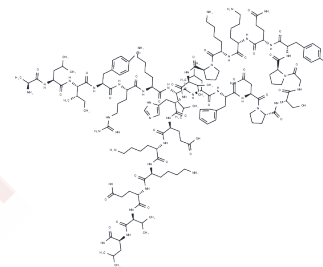


CKLF1-C27

Chemical Properties

CAS No. :	891861-48-6
Formula:	C151H243N39O37
Molecular Weight:	3196.78
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	CKLF1-C27, a C-terminal peptide of CKLF1, effectively binds to and activates the CCR4 receptor, triggering the ERK1/2 pathway. Competing with CKLF1 for the CCR4 receptor, it neutralizes CKLF1's cellular effects. Additionally, CKLF1-C27 significantly promotes the proliferation of HUVECs and holds promise for psoriasis research [1].
Targets(IC50)	ERK,CCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3128 mL	1.5641 mL	3.1281 mL
5 mM	0.0626 mL	0.3128 mL	0.6256 mL
10 mM	0.0313 mL	0.1564 mL	0.3128 mL
50 mM	0.0063 mL	0.0313 mL	0.0626 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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