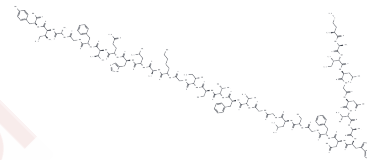


DN59

Chemical Properties

CAS No. : 869011-94-9
 Formula: C161H240N38O44S
 Molecular Weight: 3443.92
 Storage: Keep away from moisture
 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	DN59 is a peptide composed of 33 amino acids that mimics the stem region of the dengue virus type 2 E protein. It is capable of inhibiting all four serotypes of the dengue virus (IC50: 2-5 µM) as well as other flaviviruses. DN59 exerts its antiviral activity by interacting directly with viral particles, leading to the release of genomic RNA.
Targets(IC50)	Anti-infection,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2904 mL	1.4518 mL	2.9037 mL
5 mM	0.0581 mL	0.2904 mL	0.5807 mL
10 mM	0.029 mL	0.1452 mL	0.2904 mL
50 mM	0.0058 mL	0.029 mL	0.0581 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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