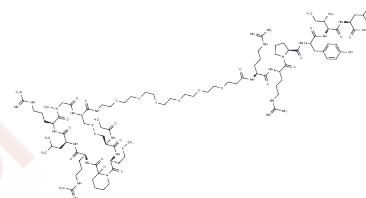


VH-N412

Chemical Properties

CAS No. :	1801681-81-1
Formula:	C94H163N27O24S3
Molecular Weight:	2151.66
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	VH-N412 is a carrier-modified neurotrophin (NT) known for its excellent ability to penetrate the blood-brain barrier. This compound actively binds to both low-density lipoprotein receptor (LDLR) and neurotrophin receptor 1 (NTSR-1), acting as an inducer of pharmacologically induced hypothermia (PIH). Additionally, VH-N412 exhibits anticonvulsant and neuroprotective properties, making it a valuable agent for research in neurological disorders such as epilepsy.
Targets(IC50)	LDLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4648 mL	2.3238 mL	4.6476 mL
5 mM	0.093 mL	0.4648 mL	0.9295 mL
10 mM	0.0465 mL	0.2324 mL	0.4648 mL
50 mM	0.0093 mL	0.0465 mL	0.093 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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