

EB1002

Chemical Properties

CAS No. : 2770688-48-5

Formula: C73H124N12O23

Molecular Weight: 1537.83

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	EB1002 is a selective NK2R agonist that has demonstrated significant enhancements in the expression levels of genes associated with mitochondrial biogenesis (such as PGC-1 α) in obese mice. This suggests that EB1002 promotes energy expenditure by enhancing mitochondrial activity. Additionally, EB1002 has improved insulin sensitivity and glucose-lipid metabolism in mice. Therefore, EB1002 holds potential for research into obesity and type 2 diabetes.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6503 mL	3.2513 mL	6.5027 mL
5 mM	0.1301 mL	0.6503 mL	1.3005 mL
10 mM	0.065 mL	0.3251 mL	0.6503 mL
50 mM	0.013 mL	0.065 mL	0.1301 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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