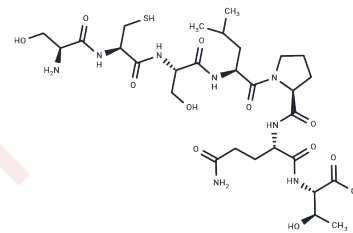


OB3

Chemical Properties

CAS No. : 259535-56-3
 Formula: C₂₉H₅₀N₈O₁₂
 Molecular Weight: 734.82
 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	OB3, a leptin derivative, exhibits greater efficacy than leptin in diminishing obesity and diabetes in mouse models. Additionally, OB3 mitigates leptin-associated inflammation and proliferation in hepatocellular carcinoma cells [1].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3609 mL	6.8044 mL	13.6088 mL
5 mM	0.2722 mL	1.3609 mL	2.7218 mL
10 mM	0.1361 mL	0.6804 mL	1.3609 mL
50 mM	0.0272 mL	0.1361 mL	0.2722 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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