

CART (1-39), Human, Rat

Chemical Properties

CAS No. :

Formula: C188H303N57O63

Molecular Weight: 4369.76

Keep away from moisture

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	CART (1-39), Human, Rat is a neuropeptide comprising the first 39 residues of the CART peptide. This compound acts as a rat satiety factor with significant appetite-suppressing effects and is closely associated with leptin and neuropeptide Y. It inhibits regular and starvation-induced feeding and can induce anxiety and stress-related behaviors [1].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2288 mL	1.1442 mL	2.2885 mL
5 mM	0.0458 mL	0.2288 mL	0.4577 mL
10 mM	0.0229 mL	0.1144 mL	0.2288 mL
50 mM	0.0046 mL	0.0229 mL	0.0458 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.

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