

## CART(55-102)(rat) TFA

## Chemical Properties

CAS No. :

Formula: C228H368F3N65O67S7

Molecular Weight: 5373.2

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(55-102)(rat) TFA, a rat-derived satiety factor, exhibits potent appetite-suppressing properties. This compound is intricately linked to both leptin and neuropeptide Y, playing a crucial role in the regulation of hunger. Moreover, CART(55-102)(rat) TFA has been identified to induce anxiety and stress-related behavior, as documented in studies [1] [2].
Targets(IC50)	Neuropeptide Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1861 mL	0.9305 mL	1.8611 mL
5 mM	0.0372 mL	0.1861 mL	0.3722 mL
10 mM	0.0186 mL	0.0931 mL	0.1861 mL
50 mM	0.0037 mL	0.0186 mL	0.0372 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481