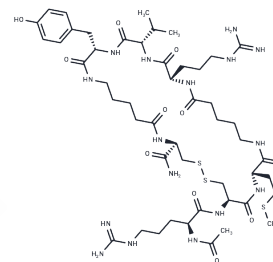


hMCH-1R antagonist 1

Chemical Properties

CAS No. :	353487-64-6
Formula:	C49H82N16O11S3
Molecular Weight:	1167.47
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	HMCH-1R Antagonist 1 (Compound 30) serves as an effective and selective antagonist for the human melanin-concentrating hormone receptor 1 (hMCHR1), exhibiting a K_B value of 3.6 nM. It possesses the ability to bind to hMCHR1 and hMCHR2, with IC_{50} values of 65 nM and 49 nM, respectively. This compound is applicable in metabolic research [1].
Targets(IC_{50})	Melanin-concentrating Hormone Receptor (MCHR), GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8566 mL	4.2828 mL	8.5655 mL
5 mM	0.1713 mL	0.8566 mL	1.7131 mL
10 mM	0.0857 mL	0.4283 mL	0.8566 mL
50 mM	0.0171 mL	0.0857 mL	0.1713 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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