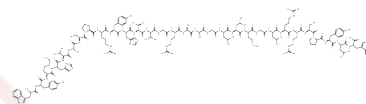


Neuropeptide W-30 (human)

Chemical Properties

CAS No. :	383415-80-3
Formula:	C165H249N49O37S
Molecular Weight:	3543.11
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	Neuropeptide W-30 (human) serves as a crucial stress mediator within the central nervous system, influencing the hypothalamus-pituitary-adrenal (HPA) axis and sympathetic outflow. It acts as an endogenous ligand for the two related orphan G-protein-coupled receptors (GPCRs), GPR7 and GPR8, binding and activating them at comparable effective doses [1] [2] [3].
Targets(IC50)	Neuropeptide W

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2822 mL	1.4112 mL	2.8224 mL
5 mM	0.0564 mL	0.2822 mL	0.5645 mL
10 mM	0.0282 mL	0.1411 mL	0.2822 mL
50 mM	0.0056 mL	0.0282 mL	0.0564 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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