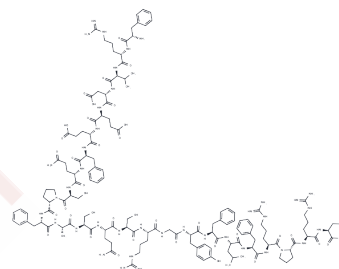


Neuromedin U-25 (human)

Chemical Properties

CAS No. :	312306-89-1
Formula:	C141H203N41O38
Molecular Weight:	3080.37
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	Neuromedin U-25 human, the active form of neuromedin U in humans, inhibits glucose-stimulated insulin secretion, leading to early-onset obesity, and serves as a vasoconstrictor in human vascular beds [1][2].
Targets(IC50)	Endogenous Metabolite
In vitro	Neuromedin U-25 human (4 pM-2 nM) binds to receptors in the human left ventricle and coronary artery, with K D values of 0.26 and 0.11 nM, respectively [1]. Additionally, Neuromedin U-25 human (0.1 nM-0.1 μM) induces endothelium-independent contraction in coronary, mammary, and saphenous vessels, with contraction potencies (pD 2) of 8.6, 8.0, and 8.2, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3246 mL	1.6232 mL	3.2464 mL
5 mM	0.0649 mL	0.3246 mL	0.6493 mL
10 mM	0.0325 mL	0.1623 mL	0.3246 mL
50 mM	0.0065 mL	0.0325 mL	0.0649 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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