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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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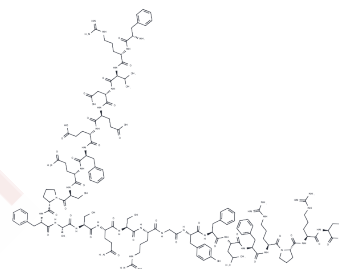
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Neuromedin U-25 (human)

Chemical Properties

CAS No. :	312306-89-1
Formula:	C141H203N41O38
Molecular Weight:	3080.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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].
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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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