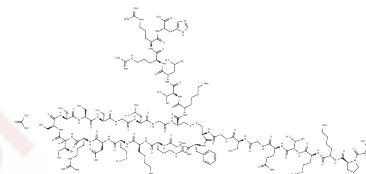


Nesiritide acetate

Chemical Properties

CAS No. :	1684439-46-0
Formula:	C143H244N50O42S4?C2H4O2
Molecular Weight:	3524.1
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	Nesiritide, a 32-amino acid natriuretic peptide and recombinant form of human brain natriuretic peptide, enhances vasorelaxation ex vivo in porcine hearts from an acute coronary occlusion model when given as a 2 µg/kg bolus dose followed by a 0.01 µg/kg per minute infusion, facilitated by the calcium ionophore A23187. Formulations containing nesiritide have been utilized in managing congestive heart failure.
Targets(IC50)	Others, Calcium Channel, Natriuretic peptide

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2838 mL	1.4188 mL	2.8376 mL
5 mM	0.0568 mL	0.2838 mL	0.5675 mL
10 mM	0.0284 mL	0.1419 mL	0.2838 mL
50 mM	0.0057 mL	0.0284 mL	0.0568 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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