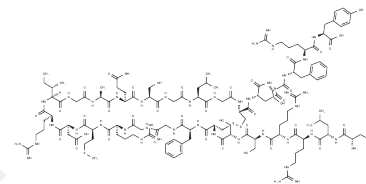


Carperitide

Chemical Properties

CAS No. : 89213-87-6
Formula: C127H203N45O39S3
Molecular Weight: 3080.44
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Carperitide, a 28-amino acid hormone known as Atrial Natriuretic Peptide (ANP) (1-28), is naturally synthesized and released by the human heart in reaction to cardiac injury and mechanical stretch. This compound effectively suppresses endothelin-1 secretion in a dose-dependent manner.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3246 mL	1.6231 mL	3.2463 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.

Reference

Kohno M, et al. Atrial and brain natriuretic peptides inhibit the endothelin-1 secretory response to angiotensin II in porcine aorta. Circ Res. 1992 Feb;70(2):241-7.

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