

Big Endothelin-1 (1-38), human

Chemical Properties

CAS No. : 120796-97-6

Formula: C189H282N48O56S5

Molecular Weight: 4282.94

Storage: Keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

CSCSSLMKCEVYFCHLDIIVNTPEHVVPYGLSPRS
(Disulfide bridge: Cys1-Cys15; Cys3-Cys11)

Biological Description

Description	Human Big ET-1 comprises residues 53-90 of the endothelin precursor (preproendothelin). Compared to the mature endothelin-1 (hET-1), the peptide show less vasoconstrictor activity in vitro, but similar pressor effects in vivo. Former CAS-number 121014-53-7.
Targets(IC50)	Vasopressin Receptor

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2335 mL	1.1674 mL	2.3348 mL
5 mM	0.0467 mL	0.2335 mL	0.467 mL
10 mM	0.0233 mL	0.1167 mL	0.2335 mL
50 mM	0.0047 mL	0.0233 mL	0.0467 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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