

Big Endothelin-1 (1-39), porcine

Chemical Properties

CAS No. : 120796-99-8

Formula: C193H289N49O58S5

Molecular Weight: 4384.04

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.

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

Biological Description

Description	The big endothelins comprise residues 53-90 (human big ET-1) and 53-91 (porcine big ET-1) of the endothelin precursor (preproendothelin). Compared to the mature endothelin-1 (ET-1), both peptides show less vasoconstrictor activity in vitro, but similar pressor effects in vivo. Former CAS-number 121014-54-8.
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	0.2281 mL	1.1405 mL	2.281 mL
5 mM	0.0456 mL	0.2281 mL	0.4562 mL
10 mM	0.0228 mL	0.1141 mL	0.2281 mL
50 mM	0.0046 mL	0.0228 mL	0.0456 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.

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