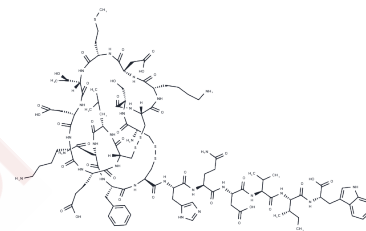


Sarafotoxin S6a

Chemical Properties

CAS No. :	126738-34-9
Formula:	C105H156N28O34S5
Molecular Weight:	2514.85
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	Endothelin receptor agonist (EC50 values are 7.5 and > 150 nM for contraction of pig coronary artery and guinea pig aorta respectively). Nociceptive in vivo.
Targets(IC50)	Endothelin Receptor

Solubility Information

Solubility	H2O: 1 mg/mL (0.4 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3976 mL	1.9882 mL	3.9764 mL
5 mM	0.0795 mL	0.3976 mL	0.7953 mL
10 mM	0.0398 mL	0.1988 mL	0.3976 mL
50 mM	0.008 mL	0.0398 mL	0.0795 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.

Reference

Minkes et al (1992) Comparison of responses to sarafotoxins 6a and 6c in pulmonary and systemic vascular beds. Am.J.Physiol. 262 H852 PMID:

Raffa et al (1996) Endothelin-induced nociception in mice: mediation by ETA and ETB receptors. J.Pharmacol.Exp. Ther. 276 647 PMID:

Schoeffter and Randriantsoa (1993) Differences between endothelial receptors mediating contraction of guinea-pig aorta and pig coronary artery. Eur.J.Pharmacol. 249 199 PMID:

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