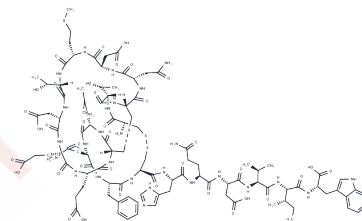


Sarafotoxin S6c

Chemical Properties

CAS No. :	121695-87-2
Formula:	C103H147N27O37S5
Molecular Weight:	2516
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	Highly selective ETB endothelin receptor agonist (K _i values are 0.29 and 28000 nM at ETB and ETA receptors respectively).
Targets(IC ₅₀)	Endothelin Receptor

Solubility Information

Solubility	H ₂ O: 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	0.3975 mL	1.9873 mL	3.9746 mL
5 mM	0.0795 mL	0.3975 mL	0.7949 mL
10 mM	0.0397 mL	0.1987 mL	0.3975 mL
50 mM	0.0079 mL	0.0397 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

Matsuo et al (1997) Effects of sarafotoxin S6c on antidiuresis and NE overflow induced by stimulation of renal nerves in anesthetized dogs. J.Pharmacol.Exp.Ther. 280 905 PMID:

Miasiro et al (1998) Distinct endothelin-B receptors mediate the effects of sarafotoxin S6c and IRL 1620 in the ileum. J.Cardiovasc.Pharmacol. 31 S175 PMID:

Williams et al (1991) Sarafotoxin S6c: an agonist which distinguishes between endothelin receptor subtypes. Biochem.Biophys.Res.Comm. 175 556 PMID:

Williams et al (1993) Characterization of cloned human endothelin receptors. Life Sci. 53 407 PMID:

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