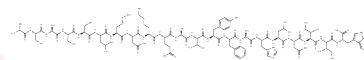


## [Ala1,3,11,15]-Endothelin

## Chemical Properties

CAS No. :	121204-87-3
Formula:	C109H163N25O32S
Molecular Weight:	2368
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	Selective ETB endothelin receptor agonist (IC50 values are 0.33 and 2200 nM for displacing [125I]-ET-1 from ETB and ETA receptors respectively).
Targets(IC50)	Endothelin Receptor

## Solubility Information

Solubility	H2O: 1 mg/mL (0.42 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	0.4223 mL	2.1115 mL	4.223 mL
5 mM	0.0845 mL	0.4223 mL	0.8446 mL
10 mM	0.0422 mL	0.2111 mL	0.4223 mL
50 mM	0.0084 mL	0.0422 mL	0.0845 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

- Nakamichi et al (1992) Different distribution of endothelin receptor subtypes in pulmonary tissues revealed by the novel selective ligands BQ-123 and [Ala1,3,11,15]ET1. *Biochem.Biophys.Res.Commun.* 182 144 PMID:
- Panek et al (1992) Endothelin and structurally related analogs distinguish between endothelin receptor subtypes. *Biochem.Biophys.Res.Commun.* 183 566 PMID:

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