

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

## Chemical Properties

CAS No. :

Formula: C111H164F3N25O34S

Molecular Weight: 2481.7

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

## Biological Description

Description

[Ala1,3,11,15]-Endothelin (TFA) is a highly selective for endothelin A (ETA) and endothelin B (ETB) receptor. [Ala1,3,11,15]-Endothelin is a selective ETB endothelin receptor agonist (IC50 values are 0.33 and 2200 nM for displacing [125I]-ET-1 from ETB and ETA receptors respectively).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4029 mL	2.0147 mL	4.0295 mL
5 mM	0.0806 mL	0.4029 mL	0.8059 mL
10 mM	0.0403 mL	0.2015 mL	0.4029 mL
50 mM	0.0081 mL	0.0403 mL	0.0806 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 K, et al. Different distribution of endothelin receptor subtypes in pulmonary tissues revealed by the novel selective ligands BQ-123 and [Ala1,3,11,15]ET-1. *Biochem Biophys Res Commun.* 1992 Jan 15;182(1):144-50.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481