

Atrial natriuretic factor (1-28) (rat) TFA

Chemical Properties

CAS No. :

Formula: C130H206N45F3O41S2

Molecular Weight: 3176.43

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	Atrial Natriuretic Peptide (ANP) (1-28), rat (TFA), is the primary circulating form of ANP in rats and significantly inhibits Ang II-stimulated secretion of endothelin-1.
Targets(IC50)	Endothelin Receptor

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3148 mL	1.5741 mL	3.1482 mL
5 mM	0.063 mL	0.3148 mL	0.6296 mL
10 mM	0.0315 mL	0.1574 mL	0.3148 mL
50 mM	0.0063 mL	0.0315 mL	0.063 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

Kohno M, et al. Angiotensin II stimulates endothelin-1 secretion in cultured rat mesangial cells. *Kidney Int.* 1992 Oct;42(4):860-6.

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