

Angiogenin (108-122) TFA (112173-49-6 free base)

Chemical Properties

CAS No. :

Formula: C80H126F3N25O25

Molecular Weight: 1895

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	Angiogenin (108-122) TFA is an angiogenin peptide. Angiogenin (108-122) acts as a therapeutic agent for the prophylaxis and/or treatment of cancer, an infectious disease, a fibrotic disease, an inflammatory disease, a neurodegenerative disease, an autoimmune disease, or a heart and vascular disease.
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Solubility Information

Solubility	H2O: 50 mg/mL (26.39 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	0.5277 mL	2.6385 mL	5.277 mL
5 mM	0.1055 mL	0.5277 mL	1.0554 mL
10 mM	0.0528 mL	0.2639 mL	0.5277 mL
50 mM	0.0106 mL	0.0528 mL	0.1055 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

Rybak SM, et al. C-terminal angiogenin peptides inhibit the biological and enzymatic activities of angiogenin. Biochem Biophys Res Commun. 1989 Jul 14;162(1):535-43.

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