

Xenopsin TFA (51827-01-1 free base)

Chemical Properties

CAS No. :

Formula: C49H74F3N13O12

Molecular Weight: 1094.19

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	Xenopsin TFA is a neurotensin-like octapeptide derived from the skin of xenopus xenopus. Xenopsin TFA is an inhibitor of tetrachloroside to stimulate gastric acid secretion.
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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	0.9139 mL	4.5696 mL	9.1392 mL
5 mM	0.1828 mL	0.9139 mL	1.8278 mL
10 mM	0.0914 mL	0.457 mL	0.9139 mL
50 mM	0.0183 mL	0.0914 mL	0.1828 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

Sures I, et al. Xenopsin: the neurotensin-like octapeptide from Xenopus skin at the carboxyl terminus of its precursor. Proc Natl Acad Sci U S A. 1984 Jan;81(2):380-4.

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