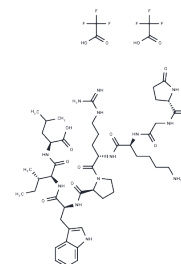


Xenopsin 2TFA(51827-01-1(free base))

Chemical Properties

CAS No. :	
Formula:	C51H75F6N13O14
Molecular Weight:	1208.23
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	Xenopsin(2TFA) is a neurotensin-like octapeptide previously isolated from amphibian skin.
Targets(IC50)	Others
In vivo	The octapeptide xenopsin, previously isolated from amphibian skin, stimulates exocrine pancreatic secretion of bicarbonate and protein in conscious dogs and increases the volume of secretion. This effect is shown in the dose range of 1.25 up to 160 pmoles kg ⁻¹ min ⁻¹ . The high potency of this peptide is suggestive of a possible physiological role of xenopsin in mammals[1].

Solubility Information

Solubility	DMSO: 10 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	0.8277 mL	4.1383 mL	8.2766 mL
5 mM	0.1655 mL	0.8277 mL	1.6553 mL
10 mM	0.0828 mL	0.4138 mL	0.8277 mL
50 mM	0.0166 mL	0.0828 mL	0.1655 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

Feurle G E , I Baća, Knauf W , et al. Xenopsin stimulates exocrine pancreatic secretion in the dog[J]. Experientia, 1982, 38(6):679-680.

Zinner M J , Kasher F , Modlin I M , et al. Effect of xenopsin on blood flow, hormone release, and acid secretion[J]. The American journal of physiology, 1982, 243(3):G195-9.

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