

Secretin (33-59), rat TFA (121028-49-7 free base)

Chemical Properties

CAS No. :

Formula: C131H217F3N42O44

Molecular Weight: 3141.37

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	Secretin (33-59), rat (TFA) is a 27-aa peptide, which acts on secretin receptor, and enhances the secretion of bicarbonate, enzymes, and K ⁺ from the pancreas[1][2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3183 mL	1.5917 mL	3.1833 mL
5 mM	0.0637 mL	0.3183 mL	0.6367 mL
10 mM	0.0318 mL	0.1592 mL	0.3183 mL
50 mM	0.0064 mL	0.0318 mL	0.0637 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

Nussdorfer GG, et al. Secretin, glucagon, gastric inhibitory polypeptide, parathyroid hormone, and related peptides in the regulation of the hypothalamus- pituitary-adrenal axis. Peptides. 2000 Feb;21(2):309-24.

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