

## Secretin, porcine TFA (17034-34-3 free base)

## Chemical Properties

CAS No. :

Formula: C132H221N44F3O43

Molecular Weight: 3169.43

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	Secretin, porcine TFA (Porcine secretin TFA) is a 27-amino acid peptide, acting on pancreatic acinar cells and ductal epithelial cells stimulating the production of bicarbonate rich fluid. Secretin porcine stimulates pancreatic and gastric secretions to aid in the diagnosis of pancreatic exocrine dysfunction and the diagnosis of gastrinoma.
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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	0.3155 mL	1.5776 mL	3.1551 mL
5 mM	0.0631 mL	0.3155 mL	0.631 mL
10 mM	0.0316 mL	0.1578 mL	0.3155 mL
50 mM	0.0063 mL	0.0316 mL	0.0631 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

Somogyi L, et al. Comparison of biologic porcine secretin, synthetic porcine secretin, and synthetic human secretin in pancreatic function testing. *Pancreas*. 2003 Oct;27(3):230-4.

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