

Amylin (IAPP), feline

Chemical Properties

CAS No. :

Formula: C165H270N52O54S2

Molecular Weight: 3910.45

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	Amylin (IAPP), feline is the peptide subunit of amyloid found in pancreatic islets of type 2 diabetic patients and in insulinomas.
Targets(IC50)	Amylin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2557 mL	1.2786 mL	2.5573 mL
5 mM	0.0511 mL	0.2557 mL	0.5115 mL
10 mM	0.0256 mL	0.1279 mL	0.2557 mL
50 mM	0.0051 mL	0.0256 mL	0.0511 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

Westermarck P, et al. Islet amyloid polypeptide, islet amyloid, and diabetes mellitus. *Physiol Rev.* 2011 Jul;91(3): 795-826.

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