

AC 187 TFA

## Chemical Properties

CAS No. :

Formula: C129H206F3N37O42

Molecular Weight: 3004.27

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	AC 187 TFA, a potent and orally active amylin receptor antagonist, exhibits an IC50 of 0.48 nM and a Ki of 0.275 nM. It demonstrates greater selectivity for the amylin receptor over calcitonin and CGRP receptors and has been shown to possess neuroprotective effects [1] [2].
Targets(IC50)	Amylin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3329 mL	1.6643 mL	3.3286 mL
5 mM	0.0666 mL	0.3329 mL	0.6657 mL
10 mM	0.0333 mL	0.1664 mL	0.3329 mL
50 mM	0.0067 mL	0.0333 mL	0.0666 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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