

FITC- β -Ala-Amyloid β -Protein (1-42)

Chemical Properties

CAS No. :	1802087-77-9
Formula:	C227H327N57O66S2
Molecular Weight:	4974.50
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	FITC- β -Ala-Amyloid β -Protein (1-42) is a fluorescent probe in which FITC (fluorescein isothiocyanate) is conjugated to the N-terminus of Amyloid beta (1-42) via a β -alanine linker. It is used in in vitro and cellular experiments to track the aggregation and uptake of amyloid proteins.
Targets(IC50)	Beta Amyloid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.201 mL	1.0051 mL	2.0103 mL
5 mM	0.0402 mL	0.201 mL	0.4021 mL
10 mM	0.0201 mL	0.1005 mL	0.201 mL
50 mM	0.004 mL	0.0201 mL	0.0402 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

Joseph Schober, et al. NNC 26-9100 increases A β 1-42 phagocytosis, inhibits nitric oxide production and decreases calcium in BV2 microglia cells. PLoS One. 2021 Jul 8;16(7):e0254242.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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