

5-FAM- β -Amyloid (1-42), human Tris

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	5-FAM- β -Amyloid (1-42), human (5-FAM-Amyloid β -peptide (1-42) (human) TFA) is a β -Amyloid (1-42), human variant labeled with 5-FAM.
Targets(IC50)	Beta Amyloid
In vitro	Instructions for Aggregation of β -Amyloid Peptides (The following is our recommended protocol, which should be adjusted based on your specific requirements). 1. Dissolve solid A β peptide in cold hexafluoro-2-propanol (HFIP). Incubate the peptide at room temperature for a minimum of 1 hour to achieve monomerization and structural randomization. 2. Remove HFIP by evaporation and store the resulting peptide as a thin film at -20 or -80 °C. 3. Dissolve the resulting film in anhydrous DMSO at a concentration of 5 mM, then vortex and dilute to the desired concentration and buffer (serum-free and phenol red-free medium). 4. Age the solution at 4-8 °C for 48 hours, then centrifuge the sample at 4-8 °C and 14000g for 10 minutes; soluble oligomers will remain in the supernatant. Dilute the supernatant 10-200 fold for experimentation. Methods may vary depending on downstream applications. Note: Aggregated forms are unstable in solution and it is recommended to use them immediately.

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