

beta-Amyloid Biochemical

beta-Amyloid (1-42), (rat/mouse)(TFA)

CATALOG #
AAA227035

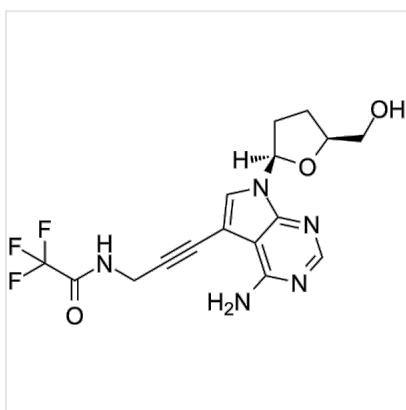
PRODUCT SYNONYMS

beta-Amyloid; beta-Amyloid (1-42); (rat/mouse)(TFA); beta-Amyloid biochemical

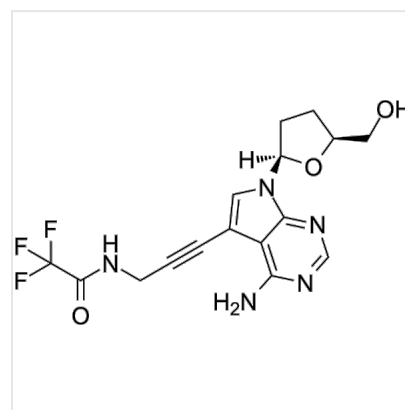
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: 55 mg/mL (12.14 mM), Need ultrasonic <1mg/ml refers to the product slightly soluble or insoluble
In vitro	beta-Amyloid Aggregation Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs). 1. Solid Abeta peptide was dissolved in cold hexafluoro-2-propanol (HFIP). The peptide was incubated at room temperature for at least 1h to establish monomerization and randomization of structure. 2. The HFIP was removed by evaporation, and the resulting peptide was stored as a film at -20 or -80 degree C. 3. The resulting film was dissolved in anhydrous DMSO at 5 mM and then diluted into the appropriate concentration and buffer (serum- and phenol red-free culture medium) with vortexing. 4. Next, the solution was aged 48h at 4-8 degree C. The sample was then centrifuged at 14000g for 10 min at 4-8 degree C; the soluble oligomers were in the supernatant. The supernatant was diluted 10-200-fold for experiments. Methods vary depends on the downstream applications.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
7-TFA-ap-7-Deaza-ddA, CAS 114748-71-9



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ADDITIONAL INFORMATION

Related Product Information for beta-Amyloid biochemical	beta-Amyloid (1-42), (rat/mouse) TFA is a 42-aa peptide, shows cytotoxic effect on acute hippocampal slices, and used in the research of Alzheimer's disease.
References	1. Shen G, et, al. Thiotriphosphate nucleotide dye terminators. US20060281100A1.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/beta-amyloid/227035>