

TAMRA-Amyloid-beta (1-42) Peptide (trifluoroacetate salt) Biochemical

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CATALOG #
AAA227302

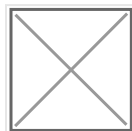
PRODUCT SYNONYMS

TAMRA-Amyloid-beta (1-42) Peptide (trifluoroacetate salt); TAMRA-Amyloid-beta (1-42) Peptide (trifluoroacetate salt) biochemical

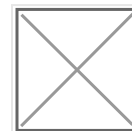
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Formic Acid: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
sFTX-3.3, CAS 141997-14-0



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ADDITIONAL INFORMATION

Related Product Information for TAMRA-Amyloid-beta (1-42) Peptide (trifluoroacetate salt) biochemical	TAMRA-Amyloid-beta (1-42) peptide is a fluorescently labeled peptide. Amyloid-beta (1-42)(Abeta42) is a neurotoxic 42-residue protein fragment found in amyloid plaques in postmortem cerebral cortex from patients with Alzheimer's disease. Aggregation of Abeta42 results in the formation of neurotoxic fibrils or globular oligomers. TAMRA-Amyloid-beta (1-42) peptide is a labeled form of Abeta42 containing carboxytetramethyl rhodamine (TAMRA), which displays excitation/emission maxima of 543/572 nm, respectively.
References	1. Maria Elisa Calcagnotto, et al. An examination of calcium current function on heterotopic neurons in hippocampal slices from rats exposed to methylazoxymethanol. <i>Epilepsia</i>. 2003 Mar;44(3):315-21. 2. T M Norris, et al. Block of high-threshold calcium channels by the synthetic polyamines sFTX-3.3 and FTX-3.3. <i>Mol Pharmacol</i>. 1996 Oct;50(4):939-46. 3. M Fatehi, et al. Polyamine FTX-3.3 and polyamine amide sFTX-3.3 inhibit presynaptic calcium currents and acetylcholine release at mouse motor nerve terminals. <i>Neuropharmacology</i>. 1997 Feb;36(2):185-94.

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/tamra-amyloid-beta-1-42-peptide-trifluoroacetate-salt/227302>