

Biotin- β -Amyloid (1-42), human TFA

Chemical Properties

CAS No. :

Formula: C215H326F3N57O64S2

Molecular Weight: 4854.36

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	Biotin- β -Amyloid (1-42), human TFA, also known as Biotin-Amyloid β -Peptide (1-42) (human) TFA, is a biotin-labeled 42-amino acid peptide implicated in the pathogenesis of Alzheimer's disease.
Targets(IC50)	Beta Amyloid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.206 mL	1.030 mL	2.060 mL
5 mM	0.0412 mL	0.206 mL	0.412 mL
10 mM	0.0206 mL	0.103 mL	0.206 mL
50 mM	0.0041 mL	0.0206 mL	0.0412 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

Shaikh A, Ahmad F, Teoh S L, et al. Unveiling the Therapeutic Potential of Kelulut (Stingless Bee) Honey in Alzheimer's Disease: Findings from a Rat Model Study. *Antioxidants*. 2024, 13(8): 926.

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