
Product Data Sheet

Product Name: Amyloid β Peptide (42-1)(human)

Cat. No.: GC35334

Chemical Properties

Cas. No. 317366-82-8

Formula $C_{203}H_{311}N_{55}O_{60}S$ M.Wt 4514.04

Solubility Water: 0.5 mg/mL (0.11 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Amyloid β Peptide (42-1)(human) is the inactive form of Amyloid β Peptide (1-42). Amyloid β Peptide (42-1) is a 42-amino acid peptide which plays a key role in the pathogenesis of Alzheimer disease.

[1]. Schilling T, et al. Amyloid- β -induced reactive oxygen species production and priming are differentially regulated by ion channels in microglia. J Cell Physiol. 2011 Dec;226(12):3295-302.

Caution: Product has not been fully validated for medical applications. For research use only.

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