
Product Data Sheet

Product Name: Beta-Amyloid(1-14),mouse,rat

Cat. No.: GC34232

Chemical Properties

Cas. No.

SMILES Asp-Ala-Glu-Phe-Gly-His-Asp-Ser-Gly-Phe-Glu-Val-Arg-His

Formula C₆₉H₉₅N₂₁O₂₄ M.Wt 1603.7

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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 Beta-Amyloid(1-14),mouse,rat

Background

Beta-Amyloid(1-14),mouse,rat is a 1 to 14 fragment of Amyloid- β peptide.

Amyloid beta peptide (A β) is produced through the proteolytic processing of a transmembrane protein, amyloid precursor protein (APP), by β - and γ -secretases. A β accumulation in the brain is proposed to be an early toxic event in the pathogenesis of Alzheimer's disease, which is the most common form of dementia associated with plaques and tangles in the brain[1].

[1]. Chen GF, et al. Amyloid beta: structure, biology and structure-based therapeutic development. Acta Pharmacol Sin. 2017 Sep;38(9):1205-1235.

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

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