

β -Amyloid (1-16) acetate

Chemical Properties

CAS No. :

Formula: C₈₄H₁₁₉N₂₇O₂₈.x2H₄O₂

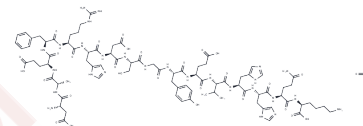
Molecular Weight:

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	β -Amyloid (1-16) acetate (131580-10-4 Free base) is a fragment derived from β -Amyloid amyloid protein, where its N-terminal amino group participates in metal ion coordination (e.g., copper and zinc), making it useful for Alzheimer's disease research.
Targets(IC50)	Beta Amyloid

Reference

- Kowalik-Jankowska T, et al. Coordination abilities of the 1-16 and 1-28 fragments of beta-amyloid peptide towards copper(II) ions: a combined potentiometric and spectroscopic study. J Inorg Biochem. 2003;95(4):270-282.
- Minicozzi V, et al. Identifying the minimal copper- and zinc-binding site sequence in amyloid-beta peptides. J Biol Chem. 2008;283(16):10784-10792.
- Istrate AN, et al. NMR solution structure of rat a β (1-16): toward understanding the mechanism of rats' resistance to Alzheimer's disease. Biophys J. 2012;102(1):136-143.

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