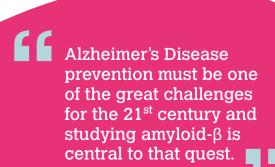


Amyloid Peptides from Cambridge Research Biochemicals

Cambridge Research Biochemicals has introduced a range of β -amyloid peptides to aid researchers in the study of Alzheimer's Disease.





Dr John H Viles
Protein Misfolding and
Neurodegeneration Group,
Queen Mary University of London

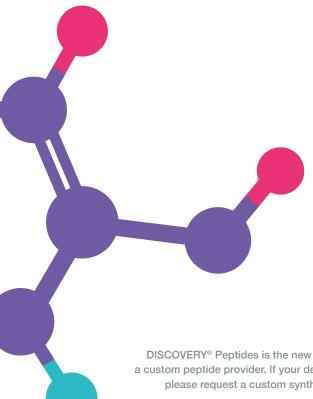


The Aβ 42 peptide oligomerises to form the toxic assemblies implicated in Alzheimer's Disease. Ion channel formation by AB 42 oligomers causes unregulated Ca²⁺ entry disrupting neuronal cell homeostasis.

Other Aß fragments produced by cleavage of APP (amyloid precursor protein) have also been identified as playing a role in Alzheimer's pathology. These different AB isoforms release at the synapse and have been shown to accelerate fibre formation.

Bode, D., Baker, M. and Viles, J. (2016). Ion Channel Formation by Amyloid-β42 Oligomers but Not Amyloid-β40 in Cellular Membranes. Journal of Biological Chemistry, 292(4), pp.1404-1413.

Barritt, J., Younan, N. and Viles, J. (2017). N-Terminally Truncated Amyloid-β (11–40/42) Cofibrillizes with its Full-Length Counterpart: Implications for Alzheimer's Disease. Angewandte Chemie International Edition, 56(33), pp.9816-9819.



Our range consists of well documented β-amyloid peptides as detailed below:

B-amyloid I-42 Peptides

β-amyloid (1-42) human crb1000088

DAEFRHDSGYEVHHQKLVFFAEDVGS-NKGAIIGLMVGGVVIA-acid

0.1mg £150 | 1mg £300

Biotin β-amyloid (1-42) human crb1000486

Biotin-DAEFRHDSGYEVHHQKLVFFAE-DVGSNKGAIIGLMVGGVVIA-acid

0.1mg £170 | 0.5mg £220

B-amyloid I-40 Peptides

β-amyloid (1-40) human crb1000087

DAEFRHDSGYEVHHQKLVFFAEDVGS-NKGAIIGLMVGGVV-acid

0.1mg £170 | 1mg £320

Fluorescein β-amyloid (1-40) human crb1100842

[5-FAM]-DAEFRHDSGYEVHHQKLVFF-AEDVGSNKGAIIGLMVGGVV-acid

0.1mg £170 | 0.5mg £220

Related Peptides

Amylin (1-37) human / IAPP crb1000269

KCNTATCATQRLANFLVHSSNNFGAIL-SSTNVGSNTY-acid (Disulphide bridge 2-7)

0.5mg £220 | 1mg £320

a-synuclein (1-13)

crb1000417

MDVFMKGLSKAKE-acid

1ma £110

B-amyloid Fragments

β-amyloid (1-16) human crb1000083

DAEFRHDSGYEVHHQK-acid

1mg £110

β-amyloid (1-28) human

DAEFRHDSGYEVHHQKLVFF-AEDVGSNK-acid

1mg £220

β-amyloid (1-11) human crb1000080

DAEFRHDSGYE-acid

1mg £110

β-amyloid (1-12) human

crb1000081

DAEFRHDSGYEV-acid

1mg £110

β-amyloid (1-15) human crb100008

DAEFRHDSGYEVHHQ-acid

1mg £110

β-amyloid (1-17) human

crb1000084

DAEFRHDSGYEVHHQKL-acid

1mg £110

β-amyloid (10-20) human

crb1000089

YEVHHQKLVFF-acid

1mg £110

β-amyloid (35-25)

crb1001040

MLGIIAGKNSG-acid

1mg £110

DISCOVERY® Peptides is the new catalogue business from Cambridge Research Biochemicals, a custom peptide provider. If your desired peptide is not listed or you wish to order a larger quantity, please request a custom synthesis quotation by contacting crbsales@crbdiscovery.com

www.crbdiscovery.com/amyloid-peptides