

Product Name: Amyloid β-Peptide (1-42) (human)
Revision Date: 01/25/2024

Product Data Sheet

Amyloid β-Peptide (1-42) (human)

Cat. No.:

B6057

CAS No.:

107761-42-2

Formula:

C203H311N55O60S

M.Wt:

4514.08

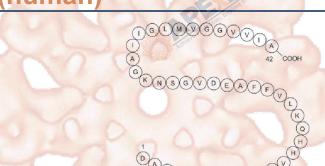
Synonyms:

Target:

Pathway:

Storage:

Store at -20°C



Solvent & Solubility

insoluble in H2O; insoluble in EtOH; ≥40.5 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	1mg	5mg	10mg
	1 mM	0.2215 mL	1.1076 mL	2.2153 mL
	5 mM	0.0443 mL	0.2215 mL	0.4431 mL
	10 mM	0.0222 mL	0.1108 mL	0.2215 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary		
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	E Esperie
	Preparation method:	and the state of t
In Vivo	Animal experiment	
	Applications:	

Product Citations

- 1. Omar SH, Scott CJ, et al. "Olive Biophenols Reduces Alzheimer's Pathology in SH-SY5Y Cells and APPswe Mice." Int J Mol Sci. 2018 Dec 30;20(1).pii: E125. PMID:30598025
- 2. Gauba E, Chen H, et al. "Cyclophilin D deficiency attenuates mitochondrial F1Fo ATP synthase dysfunction via OSCP in Alzheimer's disease." Neurobiol Dis. 2018 Sep 26;121:138-147. PMID:30266287

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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