

Amyloid-beta (1-8, A2V) Peptide Biochemical

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CATALOG #
AAA227290

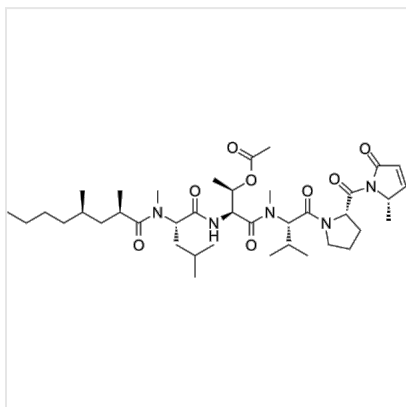
PRODUCT SYNONYMS

Amyloid-beta (1-8; A2V) Peptide; A2V) Peptide biochemical

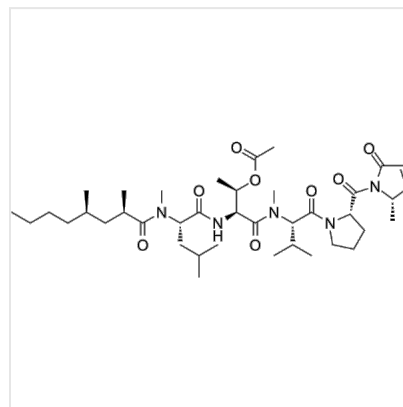
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Microcolin B, CAS 141205-32-5



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ADDITIONAL INFORMATION

Related Product Information for Amyloid-beta (1-8, A2V) Peptide biochemical

Amyloid-beta (1-8, A2V) is a truncated form of amyloid-beta (Abeta) that contains a valine to alanine substitution at position 2 of the Abeta numbering convention (Abeta A2V), which corresponds to position 673 of the amyloid precursor protein (APP) numbering convention (APP A673V). An Abeta (1-40)(Abeta40) A2V peptide increases the production of Abeta and the rate and amount of amyloid fibril formation in vitro, effects that can be reduced by coinubation with wild-type Abeta40. Abeta40 and Abeta42 levels are increased in CHO cells expressing the Abeta A2V mutation and in fibroblasts derived from patients with the Abeta A2V mutation. As a homozygous mutation, Abeta A2V is correlated with Alzheimer's disease with distinctive pathological features, but disease does not develop in patients with a heterozygous Abeta A2V mutation.

References

1. Merritt B. Andrus, et al. Synthesis of Microcolin B, a Potent New Immunosuppressant Using an Efficient Mixed Imide Formation Reaction. J. Org. Chem. 1997, 62, 16, 5542-5549.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

