

Amyloid Precursor C-Terminal Peptide

Chemical Properties

CAS No. :

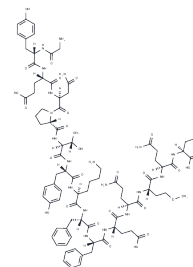
Formula: C₈₆H₁₁₈N₂₀O₂₇S₁

Molecular Weight: 1896.04

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	Amyloid precursor c-terminal peptide has the amino acid sequence Gly-Tyr-Glu-Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn. APP is best known as the precursor molecule whose proteolysis generates beta-amyloid (A β), a 37 to 49 amino acid peptide whose amyloid fibrillar form is the primary component of amyloid plaques found in the brains of Alzheimer's disease patients. So it is a possible contributor to Alzheimer's pathogenesis through MAPKs- and NF- κ B-dependent astrogliosis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: \geq 189.6 mg/mL, Sonication is recommended. ($<$ 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5274 mL	2.6371 mL	5.2742 mL
5 mM	0.1055 mL	0.5274 mL	1.0548 mL
10 mM	0.0527 mL	0.2637 mL	0.5274 mL
50 mM	0.0105 mL	0.0527 mL	0.1055 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481