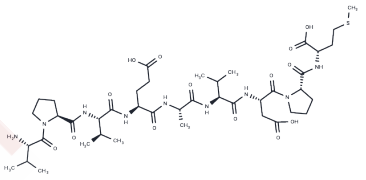
Data Sheet (Cat.No.TP2419)

TargetMol

V-9-M cholecystokinin nonapeptide

Chemical Properties



CAS No. : 99291-20-0

Formula: C42H69N9O14S

Molecular Weight: 956.11

Storage: Store at low temperature,Keep away from moisture
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	V-9-M cholecystokinin nonapeptideV-9-M cholecystokinin nonapeptide provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
Targets(IC50)	Beta Amyloid,Histamine Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (10.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0459 mL	5.2295 mL	10.459 mL
5 mM	0.2092 mL	1.0459 mL	2.0918 mL
10 mM	0.1046 mL	0.523 mL	1.0459 mL
50 mM	0.0209 mL	0.1046 mL	0.2092 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.

Reference

Takashima A, et al. Neuropharmacological properties of V-9-M, a putative neuropeptide derived from procholecystokinin, in the rat. Can J Physiol Pharmacol. 1989;67(3):223-227.
Takashima A, et al. Effect of V-9-M, a peptide fragment derived from procholecystokinin, on memory processes in the rat. Can J Physiol Pharmacol. 1989;67(3):228-231.
Cao G, et al. Calcium-dependent pro-cholecystokinin V-9-M immunoreactive peptide release from rat brain slices and CCK-secreting rat medullary thyroid carcinoma cells in culture. Peptides. 1992;13(6):1087-1090.
Itoh S, et al. Neuropharmacological profile of V-9-M, a putative neuropeptide derived from procholecystokinin. Prog Neurobiol. 1990;34(5):429-436.

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