

Cholecystokinin (26-33) free acid

Chemical Properties

CAS No. : 103974-46-5

Formula: C49H61N9O14S2

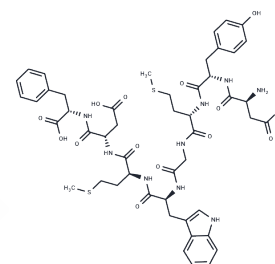
Molecular Weight: 1064.19

Storage:

Keep away from direct sunlight, 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	Cholecystokinin (26-33) free acid, a part of cholecystokinin (CCK), is a highly selective ligand for CCKB-type receptors found in the vertebrate CNS and induces a mild taste aversion conditioned reflex in rats.
Targets(IC50)	Cholecystokinin Receptor

Solubility Information

Solubility	DMSO: 80 mg/mL (75.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9397 mL	4.6984 mL	9.3968 mL
5 mM	0.1879 mL	0.9397 mL	1.8794 mL
10 mM	0.094 mL	0.4698 mL	0.9397 mL
50 mM	0.0188 mL	0.094 mL	0.1879 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

Tachibana T, et al. Feeding-suppressive mechanism of sulfated cholecystokinin (26-33) in chicks. Comp Biochem Physiol A Mol Integr Physiol. 2012 Apr;161(4):372-8.

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