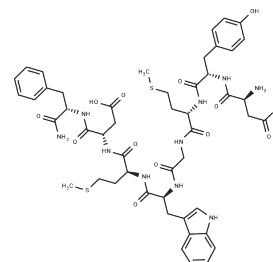


Cholecystokinin Octapeptide, desulfated

Chemical Properties

CAS No. :	25679-24-7
Formula:	C49H62N10O13S2
Molecular Weight:	1063.21
Storage:	Keep away from moisture, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Cholecystokinin Octapeptide, desulfated (CCK Octapeptide, non-sulfated) is an octapeptide composed of eight amino acids from cholecystokinin-8.
Targets(IC50)	Others, Cholecystokinin Receptor

Solubility Information

Solubility	DMSO: 80 mg/mL (75.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (3.1 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9405 mL	4.7027 mL	9.4055 mL
5 mM	0.1881 mL	0.9405 mL	1.8811 mL
10 mM	0.0941 mL	0.4703 mL	0.9405 mL
50 mM	0.0188 mL	0.0941 mL	0.1881 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

Carrasco Montserrat, et al. Inhibition of human neutrophil functions by sulfated and nonsulfated cholecystokinin octapeptides. *Peptides* 18.3 (1997): 415-422.

Johnson LR, et al. Effect of sulfation on the gastrointestinal actions of caerulein. *Gastroenterology*. 1970 Feb;58(2): 208-16.

Inui A, et al. Effect of cholecystokinin octapeptide analogues on food intake in the dog. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology* 257.4 (1989): R946-R951.

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