

Cholecystokinin-33 (swine)

Chemical Properties

CAS No. :	67256-27-3
Formula:	C166H262N50O52S4
Molecular Weight:	3918.42
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Cholecystokinin-33 (swine), a fragment of cholecystokinin (CCK), can reduce food intake and induce gallbladder contraction [1].
Targets(IC50)	Cholecystokinin Receptor
In vivo	Cholecystokinin-33 (swine, 0.05-0.25 nM/kg; catheterization, for a branch of the abdominal aorta and a branch of the aorta located caudal) specifically targets gastrointestinal sites to regulate feeding behaviors in male Sprague Dawley rats (400-450 g). This compound has been shown to decrease meal size (MS) and enhance the satiety ratio (SR) when administered at sites served by the cranial mesenteric artery [1]. The administered dosages were 0.05, 0.15, and 0.25 nM/kg, demonstrating its effectiveness in reducing food intake and increasing satiation at these specific arterial sites.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2552 mL	1.276 mL	2.552 mL
5 mM	0.051 mL	0.2552 mL	0.5104 mL
10 mM	0.0255 mL	0.1276 mL	0.2552 mL
50 mM	0.0051 mL	0.0255 mL	0.051 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

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