

Product Data Sheet

Product Name: Cholecystokinin

Cat. No.: GC72165

Chemical Properties

Cas. No. 9011-97-6

Formula $C_{167}H_{263}N_{51}O_{52}S_4$ M.Wt 3945.45

Solubility DMSO : 12.5 mg/mL (3.17 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage Store at -20°C, away from moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Cholecystokinin is a peptide hormone. Cholecystokinin, as a hunger suppressant, inhibits food intake and stimulates the digestion of fat and protein. Cholecystokinin can be used for the research of gastrointestinal system.

Caution: Product has not been fully validated for medical applications. For research use only.

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References:

- [1]. G P Smith, et al. Abdominal vagotomy blocks the satiety effect of cholecystokinin in the rat. Science. 1981 Aug 28;213(4511):1036-7.
- [2]. R A Liddle, et al. Cholecystokinin cells. Annu Rev Physiol. 1997;59:221-42.
- [3]. Dockray, Graham J. Cholecystokinin. Curr Opin Endocrinol Diabetes Obes. 2012 Feb;19(1):8-12.

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