

Product Data Sheet

Product Name: Cholecystokinin-33 free acid

Cat. No.: GC72166

Chemical Properties

Cas. No.

Formula $C_{167}H_{262}N_{50}O_{53}S_4$

M.Wt 3946.43

Solubility

Storage Sealed storage, 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

KAPSGRMSIVKLNQLDPSHRISDRD-(Tyr(SO₃H))-MGWMDF

Background

Cholecystokinin-33 free acid is an analogue of Cholecystokinin. C-terminal amidation is important for binding of Cholecystokinin to its receptors, and removing the amide group would decrease Cholecystokinin activity. Cholecystokinin-33 free acid can be used to study C-terminal amidation of

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

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Cholecystokinin-33.

References:

[1]. Chandra, Rashmi, and Liddle, Rodger A. Regulation of Pancreatic Secretion. Pancreapedia: Exocrine Pancreas Knowledge Base. 2020.

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