
Product Data Sheet

Product Name: Secretin (28-54), human TFA

Cat. No.: GC38946

Chemical Properties

Cas. No.

Formula $C_{132}H_{221}N_{44}F_3O_{42}$

M.Wt 3153.48

Solubility H_2O : 100 mg/mL (Need ultrasonic)

Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Secretin (28-54), human TFA is a 27-amino acid residue C-terminally amidated peptide, which acts on human secretin receptors[1].

Secretin is a hormone produced and secreted from the endocrine S cells in response to the gastric acid and lipid components. Secretin potentiates enzyme secretion from the acinar cell. Secretin is also a putative mitogen to promote pancreatic growth. In the stomach and gall bladder, Secretin inhibits gastric emptying and acid release and stimulates biliary output of water and bicarbonate. Secretin elicits its biological effects by interacting with specific cell surface receptors[1].

[1]. Pang RT, et al. Role of N-linked glycosylation on the function and expression of the human secretin receptor. *Endocrinology*. 1999 Nov;140(11):5102-11.

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

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