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## Product Data Sheet

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Product Name: Secretin (33-59), rat TFA

Cat. No.: GC38495

### Chemical Properties

Cas. No.

Formula  $C_{131}H_{217}F_3N_{42}O_{44}$

M.Wt 3141.37

Solubility Soluble in DMSO

Storage Store at -20°C

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

Secretin (33-59), rat (TFA) is a 27-aa peptide, which acts on secretin receptor, and enhances the secretion of bicarbonate, enzymes, and K<sup>+</sup> from the pancreas[1][2].

[1]. [1]. Nussdorfer GG, et al. Secretin, glucagon, gastric inhibitory polypeptide, parathyroid hormone, and related peptides in the regulation of the hypothalamus-pituitary-adrenal axis. *Peptides*. 2000 Feb;21(2):309-24. [2]. [2]. Ng SS, et al. Secretin as a neuropeptide. *Mol Neurobiol*. 2002 Aug;26(1):97-107.

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

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