

## Secretin, canine

Cat. No.:	HY-P1784
CAS No.:	110786-77-1
Molecular Formula:	C <sub>131</sub> H <sub>222</sub> N <sub>44</sub> O <sub>41</sub>
Molecular Weight:	3069.43
Sequence:	His-Ser-Asp-Gly-Thr-Phe-Thr-Ser-Glu-Leu-Ser-Arg-Leu-Arg-Glu-Ser-Ala-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Gly-Leu-Val-NH <sub>2</sub>
Sequence Shortening:	HSDGTFTSELSRLRESARLQRLQLV-NH <sub>2</sub>
Target:	Src
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Secretin, canine is an endocrine hormone that stimulates the secretion of bicarbonate-rich pancreatic fluids. Secretin, canine can regulate gastric chief cell function and paracellular permeability in canine gastric monolayers by a Src kinase-dependent pathway<sup>[1]</sup>.

### REFERENCES

[1]. Wollin A, et al. Actions of histamine, secretin, and PGE<sub>2</sub> on cyclic AMP production by isolated canine fundic mucosal cells. *Am J Physiol.* 1979 Nov;237(5):E437-43.

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

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