

Calcitonin (8-32), salmon

Cat. No.:	HY-P1782		
CAS No.:	155069-90-2		
Molecular Formula:	C ₁₁₉ H ₁₉₈ N ₃₆ O ₃₇		
Molecular Weight:	2725.06	VLGKLSQELHKLQTYPRNTGSGTP-NH ₂	
Sequence:	Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂		
Sequence Shortening:	VLGKLSQELHKLQTYPRNTGSGTP-NH ₂		
Target:	Amylin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Sealed storage, away from moisture and light, under nitrogen		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)		

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (36.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.3670 mL	1.8348 mL	3.6696 mL
	5 mM	0.0734 mL	0.3670 mL	0.7339 mL
	10 mM	0.0367 mL	0.1835 mL	0.3670 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Calcitonin (8-32), salmon is a highly selective amylin receptor antagonist^[1].

REFERENCES

[1]. Silvestre RA, et al. Effect of (8-32) salmon calcitonin, an amylin antagonist, on insulin, glucagon and somatostatin release: study in the perfused pancreas of the rat. Br J Pharmacol. 1996 Jan;117(2):347-50.

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

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