

Secretoneurin, rat

Cat. No.:	HY-P1764	
CAS No.:	149146-12-3	
Molecular Formula:	C ₁₅₉ H ₂₅₂ N ₄₀ O ₅₈	
Molecular Weight:	3651.95	TNEIVEEQYTPQSLATLESVVFQELGKLTGPSNQ
Sequence:	Thr-Asn-Glu-Ile-Val-Glu-Glu-Gln-Tyr-Thr-Pro-Gln-Ser-Leu-Ala-Thr-Leu-Glu-Ser-Val-Phe -Gln-Glu-Leu-Gly-Lys-Leu-Thr-Gly-Pro-Ser-Asn-Gln	
Sequence Shortening:	TNEIVEEQYTPQSLATLESVVFQELGKLTGPSNQ	
Target:	Others	
Pathway:	Others	
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

DMSO : 100 mg/mL (27.38 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2738 mL	1.3691 mL	2.7383 mL
	5 mM	0.0548 mL	0.2738 mL	0.5477 mL
	10 mM	0.0274 mL	0.1369 mL	0.2738 mL

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

BIOLOGICAL ACTIVITY

Description

Secretoneurin, rat, a 33-amino acid polypeptide, is generated by proteolytic processing of secretogranin II (SgII). Secretoneurin, rat induces dopamine release in the rat striatum in vivo and in vitro, and it exerts a very strong chemotactic effect on monocytes and eosinophils but not on granulocytes^[1].

REFERENCES

[1]. Troger J, et al. Secretoneurin in the peripheral ocular innervation. Invest Ophthalmol Vis Sci. 2005 Feb;46(2):647-54.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA