

Tyr-Somatostatin-28

Cat. No.:	HY-P3898
CAS No.:	86649-84-5
Molecular Formula:	C ₁₄₆ H ₂₁₆ N ₄₂ O ₄₁ S ₃
Molecular Weight:	3311.73
Sequence Shortening:	YSANSNPAMAPRERKAGCKNFFWKFTFTSC (disulfide bridge:Cys18-Cys29)
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Tyr-Somatostatin-28 is a somatostatin that adds a Tyrosine amino acid to Somatostatin-28 ^[1] .
In Vitro	In the basolateral plasma membrane of primary cultured pancreatic acinar cells of guinea-pig, Insulin (Insulin (human) (HY-P0035)) increases the p value of Ca ²⁺ -activated K ⁺ channels, which is reversed by Tyr-Somatostatin-28 (0.3 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. M Yanagisawa, et al. A reciprocal regulation of Ca(2+)-activated K(+) channel by insulin and somatostatin in guinea-pig pancreatic acinar cells. Jpn J Physiol. 2001 Jun;51(3):355-63.

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

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