

## Cortistatin-29 (human)

Cat. No.:	HY-P5014
CAS No.:	1815618-16-6
Molecular Formula:	C <sub>149</sub> H <sub>223</sub> N <sub>47</sub> O <sub>42</sub> S <sub>3</sub>
Molecular Weight:	3440.85
Sequence:	{Pyr}-Glu-Gly-Ala-Pro-Pro-Gln-Gln-Ser-Ala-Arg-Arg-Asp-Arg-Met-Pro-Cys-Arg-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Ser-Ser-Cys-Lys (Disulfide bridge: Cys17-Cys28)
Sequence Shortening:	{Pyr}-EGAPPQQSARRDRMPCRNFFWKTFSSCK (Disulfide bridge: Cys17-Cys28)
Target:	Somatostatin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Cortistatin-29 (human) is a somatostatin neuropeptide with potential for studying diseases such as cancer, inflammation, autoimmunity, fibrosis, and pain<sup>[1][2]</sup>.

### REFERENCES

- [1]. Spier AD, et al. Cortistatin: a member of the somatostatin neuropeptide family with distinct physiological functions. *Brain Res Brain Res Rev.* 2000 Sep;33(2-3):228-41.
- [2]. Campos-Salinas J, et al. Therapeutic Effect of a Latent Form of Cortistatin in Experimental Inflammatory and Fibrotic Disorders. *Pharmaceutics.* 2022 Dec 13;14(12):2785.

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

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