



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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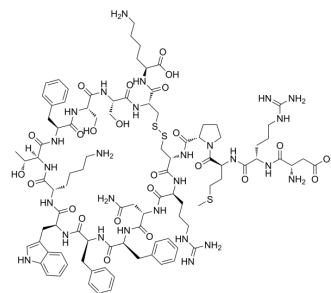
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## Cortistatin-17 (human)

<b>Cat. No.:</b>	HY-P5011
<b>CAS No.:</b>	189450-19-9
<b>Molecular Formula:</b>	C <sub>96</sub> H <sub>139</sub> N <sub>27</sub> O <sub>24</sub> S <sub>3</sub>
<b>Molecular Weight:</b>	2151.49
<b>Sequence:</b>	Asp-Arg-Met-Pro-Cys-Arg-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Ser-Ser-Cys-Lys (Disulfide bridge: Cys5-Cys16)
<b>Sequence Shortening:</b>	DRMPCRNFFWKTFSSCK (Disulfide bridge: Cys5-Cys16)
<b>Target:</b>	Somatostatin Receptor
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<b>Storage:</b>	Sealed storage, away from moisture Powder    -80°C    2 years -20°C    1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (46.48 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.4648 mL	2.3240 mL	4.6479 mL
5 mM	0.0930 mL	0.4648 mL	0.9296 mL
10 mM	0.0465 mL	0.2324 mL	0.4648 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Cortistatin-17 (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.

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

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