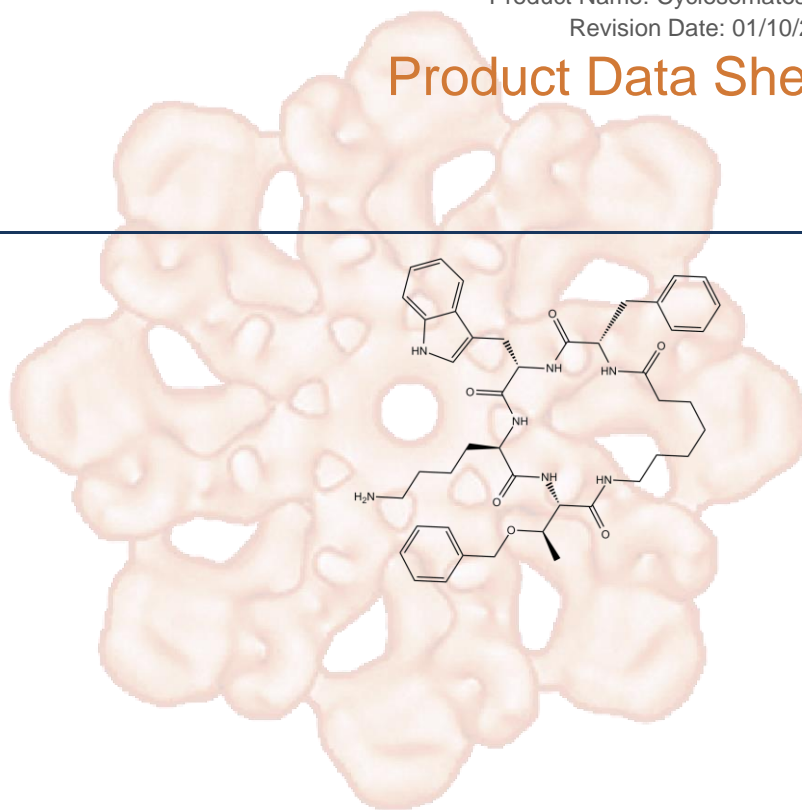


## Cyclosomatostatin

<b>Cat. No.:</b>	B7411
<b>CAS No.:</b>	84211-54-1
<b>Formula:</b>	C44H57N7O6
<b>M.Wt:</b>	779.98
<b>Synonyms:</b>	
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	Somatostatin Receptor
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

Soluble to 1 mg/ml in 20% ethanol / H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	<b>1 mM</b>		1.2821 mL	6.4104 mL	12.8208 mL
	<b>5 mM</b>		0.2564 mL	1.2821 mL	2.5642 mL
	<b>10 mM</b>		0.1282 mL	0.6410 mL	1.2821 mL

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

### Biological Activity

Shortsummary

somatostatin receptor antagonist

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Yue M, Xia et al. "Berberine ameliorates collagen-induced arthritis in rats by suppressing Th17 cell responses via inducing cortistatin in the gut." FEBS J. 2017 Sep;284(17):2786-2801.PMID:28636167

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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