

Adamtsostatin 16

Cat. No.:	HY-P4003
CAS No.:	929554-90-5
Molecular Formula:	C ₆₉ H ₁₀₉ N ₂₃ O ₂₅ S ₂
Molecular Weight:	1724.87
Sequence Shortening:	SPWSQCATSCGGGVQTR
Target:	ADAMTS
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Adamtsostatin 16 is an anti-angiogenic 17-amino acid peptide containing type I thrombospondin motifs ^[1] .								
In Vitro	<p>Adamtsostatin 16 (0.01-40 µg/mL; 3 days) inhibits the proliferation and migration of human umbilical vein endothelial cells in vitro^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Proliferation Assay^[1]</p> <table><tr><td>Cell Line:</td><td>Human umbilical vein endothelial cells (HUVECs)</td></tr><tr><td>Concentration:</td><td>0.01 µg/mL, 0.1 µg/mL, 1 µg/mL, 10 µg/mL, 20 µg/mL, 30 µg/mL, 40 µg/mL</td></tr><tr><td>Incubation Time:</td><td>3 days</td></tr><tr><td>Result:</td><td>Inhibited the proliferation of HUVECs in vitro.</td></tr></table>	Cell Line:	Human umbilical vein endothelial cells (HUVECs)	Concentration:	0.01 µg/mL, 0.1 µg/mL, 1 µg/mL, 10 µg/mL, 20 µg/mL, 30 µg/mL, 40 µg/mL	Incubation Time:	3 days	Result:	Inhibited the proliferation of HUVECs in vitro.
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REFERENCES

[1]. Emmanouil D Karagiannis, et al. Anti-angiogenic peptides identified in thrombospondin type I domains. *Biochem Biophys Res Commun*. 2007 Jul 20;359(1):63-9.

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