

Adamtsostatin 18

Cat. No.:	HY-P4002
CAS No.:	929554-95-0
Molecular Formula:	C ₈₉ H ₁₄₁ N ₂₉ O ₂₉ S ₂
Molecular Weight:	2145.38
Sequence Shortening:	SKWSECSRTC GGGVKFQER
Target:	ADAMTS
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Adamtsostatin 18 is an anti-angiogenic peptide derived from proteins containing type I thrombospondin motifs. Adamtsostatin 18 inhibits cell migration and proliferation ^[1] .								
In Vitro	Adamtsostatin 18 (0.01, 0.1, 1, 10, 20, 30, 40 µg/mL; 3 days) inhibits cell proliferation in HUVECs ^[1] . Adamtsostatin 18 (10, 30 µg/mL; 20 h) inhibits the migration of the endothelial cells in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay ^[1] <table><tr><td>Cell Line:</td><td>HUVECs</td></tr><tr><td>Concentration:</td><td>0.01, 0.1, 1, 10, 20, 30, 40 µg/mL</td></tr><tr><td>Incubation Time:</td><td>3 days</td></tr><tr><td>Result:</td><td>Inhibited the cell proliferation.</td></tr></table>	Cell Line:	HUVECs	Concentration:	0.01, 0.1, 1, 10, 20, 30, 40 µg/mL	Incubation Time:	3 days	Result:	Inhibited the cell proliferation.
Cell Line:	HUVECs								
Concentration:	0.01, 0.1, 1, 10, 20, 30, 40 µg/mL								
Incubation Time:	3 days								
Result:	Inhibited the cell proliferation.								

REFERENCES

[1]. Karagiannis ED, 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