

Papilostatin-2

Cat. No.:	HY-P3997
CAS No.:	929555-13-5
Molecular Formula:	C ₈₆ H ₁₃₄ N ₃₀ O ₂₈ S ₂
Molecular Weight:	2100.3
Sequence Shortening:	SQWSPCSRTC GGGVSRER
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Papilostatin-2 is an anti-angiogenic peptide. Papilostatin-2 can be used for the research of anti-angiogenic ^[1] .
In Vitro	Papilostatin-2 (0 - 40 µg/mL) inhibits the proliferation and migration of human umbilical vein endothelial cells in vitro ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
	Cell Migration Assay ^[1]
	Cell Line: Endothelial cells
	Concentration: 30 µg/mL
	Incubation Time: 20 h
	Result: Inhibited the migration of HUVECs in the presence of VEGF.
	Cell Proliferation Assay ^[1]
	Cell Line: Endothelial cells
	Concentration: 0 - 40 µg/mL
	Incubation Time: 3 days
Result: Inhibited the proliferation of HUVECs in vitro.	

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