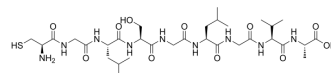


CooP

Cat. No.:	HY-P4115
CAS No.:	1192864-27-9
Molecular Formula:	C ₃₂ H ₅₇ N ₉ O ₁₁ S
Molecular Weight:	775.91
Sequence:	Cys-Gly-Leu-Ser-Gly-Leu-Gly-Val-Ala
Sequence Shortening:	CGLSGLGVA
Target:	FABP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CooP is a linear glioblastoma-targeting nonapeptide. CooP binds to the mammary-derived growth inhibitor/fatty acid binding protein 3 (FABP3) in the glioblastoma cells and its associated vasculature. CooP is used for the targeted delivery of chemotherapy and different nanoparticles^[1].

REFERENCES

[1]. Abiodun Ayo, et al. Tumor-Targeting Peptides: The Functional Screen of Glioblastoma Homing Peptides to the Target Protein FABP3 (MDGI). *Cancers (Basel)*. 2020 Jul 8;12(7):1836.

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

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