

CBO-P11

Cat. No.:	HY-P10052
CAS No.:	612096-46-5
Molecular Formula:	C ₉₄ H ₁₄₅ N ₂₉ O ₂₅ S
Molecular Weight:	2113.4
Sequence:	Cyclo(Asp-Phe-Pro-Gln-Ile-Met-Arg-Ile-Lys-Pro-His-Gln-Gly-Gln-His-Ile-Gly-Glu)
Sequence Shortening:	Cyclo(RIKPHQGQHIGEDFPQIM)
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	CBO-P11 specifically binds to receptor of VEGFR-2 and is used as targeting ligand for tumor angiogenesis. CBO-P11 is modified with a nearinfrared cyanine dye bearing an alkyne function, allowing both “click” coupling on azido-modified nanoparticles and fluorescence labelling ^[1] .
IC ₅₀ & Target	IC50: VEGFR ^[1]

REFERENCES

[1]. Stéphanie Deshayes, et al. "Click" conjugation of peptide on the surface of polymeric nanoparticles for targeting tumor angiogenesis. Pharm Res. 2011 Jul;28(7):1631-42.

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

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