

Angiopep-2-Cys

Cat. No.:	HY-P1351
CAS No.:	906480-09-9
Molecular Formula:	C ₁₀₇ H ₁₅₄ N ₃₀ O ₃₂ S
Molecular Weight:	2404.61
Sequence:	Thr-Phe-Phe-Tyr-Gly-Gly-Ser-Arg-Gly-Lys-Arg-Asn-Asn-Phe-Lys-Thr-Glu-Glu-Tyr-Cys
Sequence Shortening:	TFFYGGSRGKRNNFKTEEYC
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Angiopep-2-cys is a conjugate of Angiopep-2 hydrochloride (HY-P2341) and cysteine. Angiopep-2 hydrochloride is a brain peptide vector. The conjugation of anticancer agents with the Angiopep-2 peptide vector could increase their efficacy in the treatment of brain cancer^[1].

REFERENCES

[1]. Kafa H, et al. Translocation of LRP1 targeted carbon nanotubes of different diameters across the blood-brain barrier in vitro and in vivo. J Control Release. 2016 Mar 10;225:217-29.

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

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