



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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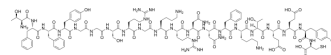
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## Angiopep-2-Cys

Cat. No.:	HY-P1351
CAS No.:	906480-09-9
Molecular Formula:	C <sub>107</sub> H <sub>154</sub> N <sub>30</sub> O <sub>32</sub> 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:	Sealed storage, away from moisture
	Powder    -80°C    2 years
	-20°C    1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (4.16 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.4159 mL	2.0793 mL	4.1587 mL
	5 mM	---	---	---
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

### 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<sup>[1]</sup>.

### 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.

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

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