



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Copeptin (rat)

<b>Cat. No.:</b>	HY-P5009	
<b>CAS No.:</b>	86280-64-0	
<b>Molecular Formula:</b>	C <sub>183</sub> H <sub>307</sub> N <sub>57</sub> O <sub>61</sub>	
<b>Molecular Weight:</b>	4281.74	AREQSNATQLDGPARELLRLVQLAGTQESVDSAKPRVY
<b>Sequence:</b>	Ala-Arg-Glu-Gln-Ser-Asn-Ala-Thr-Gln-Leu-Asp-Gly-Pro-Ala-Arg-Glu-Leu-Leu-Leu-Arg-L eu-Val-Gln-Leu-Ala-Gly-Thr-Gln-Glu-Ser-Val-Asp-Ser-Ala-Lys-Pro-Arg-Val-Tyr	
<b>Sequence Shortening:</b>	AREQSNATQLDGPARELLRLVQLAGTQESVDSAKPRVY	
<b>Target:</b>	Others	
<b>Pathway:</b>	Others	
<b>Storage:</b>	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

H<sub>2</sub>O : ≥ 100 mg/mL (23.35 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2335 mL	1.1677 mL	2.3355 mL
	5 mM	0.0467 mL	0.2335 mL	0.4671 mL
	10 mM	0.0234 mL	0.1168 mL	0.2335 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Copeptin (rat) is a polypeptide that can be found by peptide screening. Peptide screening is a research tool that pools active peptides primarily by immunoassay. Peptide screening can be used for protein interaction, functional analysis, epitope screening, especially in the field of agent research and development<sup>[1]</sup>.

### REFERENCES

[1]. Birnbaum S, et al. Peptide screening. Current Opinion in Biotechnology, 1992, 3(1): 49-54.

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

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