



# 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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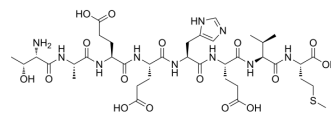
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## Octapeptide-2

Cat. No.:	HY-P5253
CAS No.:	1374396-34-5
Molecular Formula:	C <sub>38</sub> H <sub>60</sub> N <sub>10</sub> O <sub>16</sub> S
Molecular Weight:	945.01
Sequence:	Thr-Ala-Glu-Glu-His-Glu-Val-Met
Sequence Shortening:	TAEHEVM
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
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 : ≥ 100 mg/mL (105.82 mM)

\* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.0582 mL	5.2909 mL	10.5819 mL
5 mM	0.2116 mL	1.0582 mL	2.1164 mL
10 mM	0.1058 mL	0.5291 mL	1.0582 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Octapeptide-2 is a bioactive peptide with promotion of hair growth effect and has been reported used as a cosmetic ingredient<sup>[1]</sup>.

### REFERENCES

[1]. Rinaldi F, et al. Randomized controlled trial on a PRP-like cosmetic, biomimetic peptides based, for the treatment of alopecia areata. J Dermatolog Treat. 2019;30(6):588-593.

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

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