



# 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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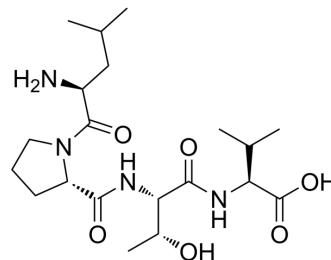
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## Tetrapeptide-1

Cat. No.:	HY-P5248
CAS No.:	1632354-04-1
Molecular Formula:	C <sub>20</sub> H <sub>36</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight:	428.52
Sequence:	Leu-Pro-Thr-Val
Sequence Shortening:	LPTV
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
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 : 50 mg/mL (116.68 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3336 mL	11.6681 mL	23.3361 mL
	5 mM	0.4667 mL	2.3336 mL	4.6672 mL
	10 mM	0.2334 mL	1.1668 mL	2.3336 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Tetrapeptide-1 is a bioactive peptide with antioxidant effect and has been reported used as a cosmetic ingredient<sup>[1]</sup>.

### REFERENCES

[1]. Oshimura, et al. Amino acids, peptides, and proteins. Cosmet. Sci. Technol. Theor. Princ. Appl (2017): 285-303.

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

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