



SZABO SCANDIC

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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

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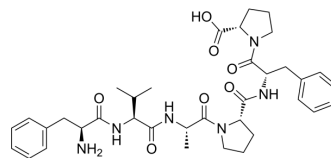
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Hexapeptide-11

Cat. No.:	HY-P2096
CAS No.:	161258-30-6
Molecular Formula:	C ₃₆ H ₄₈ N ₆ O ₇
Molecular Weight:	676.8
Sequence:	Phe-Val-Ala-Pro-Phe-Pro
Sequence Shortening:	FVAPFP
Target:	Reactive Oxygen Species; ATM/ATR; MDM-2/p53
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Cell Cycle/DNA Damage; PI3K/Akt/mTOR; Apoptosis
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 (147.75 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.4775 mL	7.3877 mL	14.7754 mL
5 mM	0.2955 mL	1.4775 mL	2.9551 mL
10 mM	0.1478 mL	0.7388 mL	1.4775 mL

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

BIOLOGICAL ACTIVITY

Description

Hexapeptide-11 is a bioactive peptide with anti-aging effect. Hexapeptide-11 protects fibroblasts against oxidative stress-mediated premature cellular senescence by mediating a downregulation of cellular proteins, such as ataxia telangiectasia mutated (ATM) and p53 [1].

REFERENCES

[1]. Errante F, et al. Cosmeceutical Peptides in the Framework of Sustainable Wellness Economy. *Front Chem.* 2020;8:572923.

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

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