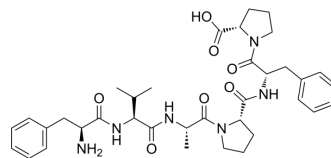


## Hexapeptide-11

Cat. No.:	HY-P2096
CAS No.:	161258-30-6
Molecular Formula:	C <sub>36</sub> H <sub>48</sub> N <sub>6</sub> O <sub>7</sub>
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:	Please store the product under the recommended conditions in the Certificate of Analysis.



### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA