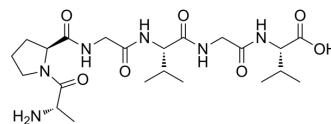


## Hexapeptide-12

Cat. No.:	HY-P5270
CAS No.:	70592-18-6
Molecular Formula:	C <sub>22</sub> H <sub>38</sub> N <sub>6</sub> O <sub>7</sub>
Molecular Weight:	498.57
Sequence:	Ala-Pro-Gly-Val-Gly-Val
Sequence Shortening:	APGVGV
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light
	Powder    -80°C    2 years
	-20°C    1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (200.57 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0057 mL	10.0287 mL	20.0574 mL
	5 mM	0.4011 mL	2.0057 mL	4.0115 mL
	10 mM	0.2006 mL	1.0029 mL	2.0057 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Hexapeptide-12 is a bioactive peptide with anti-aging effect and has been reported used as a cosmetic ingredient<sup>[1]</sup>.

### REFERENCES

[1]. Widgeow AD, et al. Effects of a Topical Anti-aging Formulation on Skin Aging Biomarkers. J Clin Aesthet Dermatol. 2022;15(8):E53-E60.

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

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