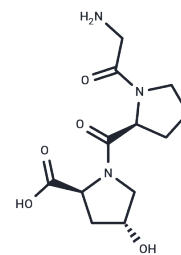


## H-Gly-Pro-Hyp-OH

## Chemical Properties

CAS No. :	2239-67-0
Formula:	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	285.3
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	H-Gly-Pro-Hyp-OH is a potent and orally available anti-photoaging collagen peptide that attenuates inflammation and reduces MMP-1 and MMP-3 levels; attenuates H <sub>2</sub> O <sub>2</sub> -induced aging of dermal fibroblasts; restores cortisol-mediated inhibition of type I collagen and GR activation and (TGF)- $\beta$ signaling signaling, among other things; and improves the hydration of human skin, elasticity and anti-wrinkle properties.
Targets(IC50)	MMP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5051 mL	17.5254 mL	35.0508 mL
5 mM	0.701 mL	3.5051 mL	7.0102 mL
10 mM	0.3505 mL	1.7525 mL	3.5051 mL
50 mM	0.0701 mL	0.3505 mL	0.701 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Won J, Kang J, Noh K, Chung HC, Kang W. Pharmacokinetics of collagen dipeptides (Gly-Pro and Pro-Hyp) and tripeptides (Gly-Pro-Hyp) in rats. J Food Sci. 2024 Jan;89(1):701-709.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481