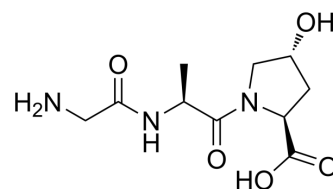


## H-Gly-Ala-Hyp-OH

<b>Cat. No.:</b>	HY-P4231
<b>CAS No.:</b>	22028-81-5
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	259.26
<b>Sequence:</b>	H-Gly-Ala-Hyp-OH
<b>Sequence Shortening:</b>	GA-{Hyp}
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Sealed storage, away from moisture and light, under nitrogen
	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, under nitrogen)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (385.71 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.8571 mL	19.2857 mL	38.5713 mL
5 mM	0.7714 mL	3.8571 mL	7.7143 mL
10 mM	0.3857 mL	1.9286 mL	3.8571 mL

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

### BIOLOGICAL ACTIVITY

#### Description

H-Gly-Ala-Hyp-OH is a collagen tripeptide fragment<sup>[1]</sup>.

#### In Vitro

H-Gly-Ala-Hyp-OH (Gly-Ala-Hyp) exhibits a K<sub>m</sub> value of 2.080 mM<sup>[1]</sup>.  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Tadashi Hatanaka, et al. Inhibitory effect of collagen-derived tripeptides on dipeptidylpeptidase-IV activity. J Enzyme Inhib Med Chem. 2014 Dec;29(6):823-8.

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

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