H-Gly-Pro-OH

Cat. No.: HY-W016887

CAS No.: 704-15-4

Molecular Formula: $C_7H_{12}N_2O_3$

Molecular Weight: 172.18

Target: Endogenous Metabolite

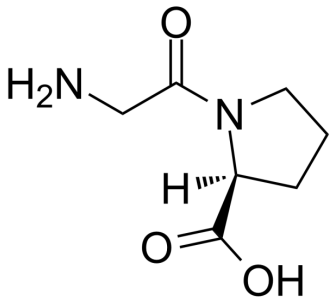
Pathway: Metabolic Enzyme/Protease

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

H_2O : 20 mg/mL (116.16 mM; ultrasonic and warming and heat to 70°C)

DMSO : 1 mg/mL (5.81 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	5.8079 mL	29.0394 mL	58.0788 mL
5 mM	1.1616 mL	5.8079 mL	11.6158 mL
10 mM	0.5808 mL	2.9039 mL	5.8079 mL

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

BIOLOGICAL ACTIVITY

Description H-Gly-Pro-OH is an end product of collagen metabolism that is further cleaved by prolidase.

IC_{50} & Target Human Endogenous Metabolite

REFERENCES

[1]. Le J, et al. Urine glycyl-L-proline increase and skin trophicity. Amino Acids. 1999;17(3):315-22.

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

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