# H-γ-Glu-Leu-OH

**Cat. No.:** HY-P4632

**CAS No.:** 2566-39-4

**Molecular Formula:** $C_{11}H_{20}N_2O_5$

**Molecular Weight:** 260.29

**Sequence:** γ-Glu-Leu

**Sequence Shortening:** γ-EL

**Target:** Others

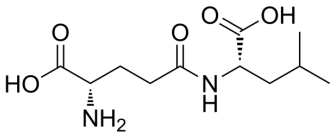
**Pathway:** Others

**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 (384.19 mM)

* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent / Mass / Concentration | 1 mg | 5 mg | 10 mg |
|---|---|---|---|---|
| | 1 mM | 3.8419 mL | 19.2093 mL | 38.4187 mL |
| | 5 mM | 0.7684 mL | 3.8419 mL | 7.6837 mL |
| | 10 mM | 0.3842 mL | 1.9209 mL | 3.8419 mL |

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

## BIOLOGICAL ACTIVITY

**Description** H-γ-Glu-Leu-OH is a dipeptide consisting of γ-glutamic acid and leucine, terminated by a hydroxyl group[1].

## REFERENCES

[1]. Simone Toelstede, et al. A Series of Kokumi Peptides Impart the Long-Lasting Mouthfulness of Matured Gouda Cheese.J. Agric. Food Chem. 2009, 57, 4, 1440–1448.

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

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