Ala-Glu-OH

Cat. No.: HY-139468

CAS No.: 13187-90-1

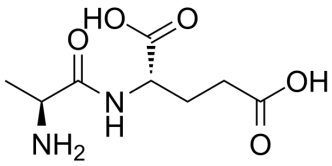
Molecular Formula: $C_8H_{14}N_2O_5$

Molecular Weight: 218.21

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H_2O : 250 mg/mL (1145.69 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	4.5827 mL	22.9137 mL	45.8274 mL
	5 mM	0.9165 mL	4.5827 mL	9.1655 mL
	10 mM	0.4583 mL	2.2914 mL	4.5827 mL

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

BIOLOGICAL ACTIVITY

Description Ala-Glu-OH is an agent of the dipeptide[1][2].

REFERENCES

[1]. Smid EJ, et al. Mechanism and energetics of dipeptide transport in membrane vesicles of Lactococcus lactis. J Bacteriol. 1989;171(1):292-298.

[2]. Kim SJ, et al. Replacement of glutamine with the dipeptide derivative alanyl-glutamine enhances in vitro maturation of porcine oocytes and development of embryos. Zygote. 2014;22(2):286-289.

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

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