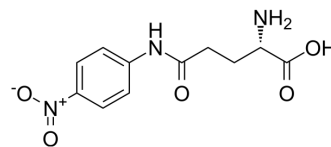


L-γ-Glutamyl-p-nitroanilide

Cat. No.:	HY-W011391A
CAS No.:	7300-59-6
Molecular Formula:	C ₁₁ H ₁₃ N ₃ O ₅
Molecular Weight:	267.24
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	L-γ-Glutamyl-p-nitroanilide Monohydrate is a glutamic acid derivative ^[1] .
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Antioxidants (Basel). 2021, 10(9), 1349.
- Biochem Pharmacol. 2023 Aug 25;115767.
- Int Immunopharmacol. 2023 Apr 26;119:110216.
- Front Pharmacol. 2022 Feb 23;13:816133.
- Front Pharmacol. 23 February 2022.

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REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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