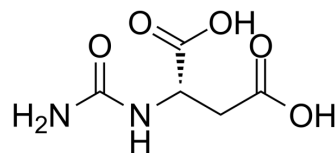


N-Carbamoyl-L-aspartic acid

Cat. No.:	HY-128425A
CAS No.:	13184-27-5
Molecular Formula:	C ₅ H ₈ N ₂ O ₅
Molecular Weight:	176.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Carbamoyl-L-aspartic acid is intermediate of pyrimidine (HY-Y0519) metabolism. N-Carbamoyl-L-aspartic acid can be used to measure enzyme activity of dihydroorotase (DHOse)^{[1][2]}.

REFERENCES

[1]. Xie F, et al. Different effects of hydrogen-rich water intake and hydrogen gas inhalation on gut microbiome and plasma metabolites of rats in health status. *Sci Rep.* 2022 May 4;12(1):7231.

[2]. Tiwari K, et al. Biochemical characterization of dihydroorotase of *Leishmania donovani*: Understanding pyrimidine metabolism through its inhibition. *Biochimie.* 2016 Dec;131:45-53.

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

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