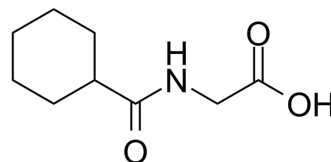


Hexahydrohippuric acid

Cat. No.:	HY-W403633
CAS No.:	32377-88-1
Molecular Formula:	C ₉ H ₁₅ NO ₃
Molecular Weight:	185.22
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Hexahydrohippuric acid is a metabolite of Shikimate acid in both liver and kidney, under microbial metabolism effect. Hexahydrohippuric acid is made of cyclohexane carboxylic acid and glycineamide, and shows antibacterial activity^{[1][2]}.

REFERENCES

[1]. Uenishi H, Bacteriostatic or antibacterial agents containing amide of cyclohexanecarboxylic acid with amino acid and phytopathogenic bacteria control agents, food, etc., containing the agents: Japan, JP2015093867[P]. 2015-05-18.

[2]. Brewster D, et al. The metabolism of cyclohexanecarboxylate in the rat. *Biochem J.* 1977 Jun 15;164(3):595-600.

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

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