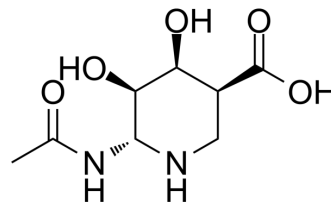


Siastatin B

Cat. No.:	HY-N7529
CAS No.:	54795-58-3
Molecular Formula:	C ₈ H ₁₄ N ₂ O ₅
Molecular Weight:	218.21
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Siastatin B is an effective broad-spectrum glycosidase inhibitor that can effectively inhibit the activities of sialidase, β -D-glucuronidase, N-acetyl-glucosaminidase, β -glucuronidase, and human heparinase^{[1][2]}.

REFERENCES

- [1]. Chen Y, et al. Molecular Basis for Inhibition of Heparanases and β -Glucuronidases by Siastatin B. *J Am Chem Soc.* 2024 Jan 10;146(1):125-133.
- [2]. Chen Y, et al. Molecular Basis for Inhibition of Heparanases and β -Glucuronidases by Siastatin B[J]. *Journal of the American Chemical Society*, 2023.

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

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