

Plipastatin B1

Cat. No.:	HY-113560
CAS No.:	103955-73-3
Molecular Formula:	C ₇₄ H ₁₁₄ N ₁₂ O ₂₀
Molecular Weight:	1491.77
Sequence:	{{(R)-3-Hydroxyhexadecanoic acid-Glu}-{Orn}-YTEVPQYI
Sequence Shortening:	{{(R)-3-Hydroxyhexadecanoic acid-Glu}-{Orn}-Tyr-Thr-Glu-Val-Pro-Gln-Tyr-Ile
Target:	Antibiotic; Fungal; Phospholipase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Plipastatin B1 is a lipopeptide that serves as an inhibitor of phospholipase A ₂ (PLA ₂) and possesses antifungal activity ^[1] .
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REFERENCES

[1]. Tsuge K, et al. Isolation of a gene essential for biosynthesis of the lipopeptide antibiotics plipastatin B1 and surfactin in *Bacillus subtilis* YB8. *Arch Microbiol.* 1996;165(4):243-251.

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

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