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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Plipastatin A1

Cat. No.:	HY-P10447
CAS No.:	103651-09-8
Molecular Formula:	C ₇₂ H ₁₁₀ N ₁₂ O ₂₀
Molecular Weight:	1463.71
Sequence:	{{(3R)-3-hydroxy-1-oxohexadecyl}-Glu-{d-Orn}-Tyr-{d-Thr}-Glu-{d-Ala}-Pro-Gln-{d-Tyr}-Ile (Lactam bridge: Tyr3-Ile10)
Sequence Shortening:	{{(3R)-3-hydroxy-1-oxohexadecyl}-E-{d-Orn}-Y{d-Thr}-E-{d-Ala}-PQ{d-Tyr}-I (Lactam bridge: Tyr3-Ile10)
Target:	Phospholipase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Plipastatin A1 is a lipopeptide with enzyme inhibitory and immunosuppressive activities. Plipastatin A1 is found in *Bacillus cereus* and inhibits phospholipase A2 (PLA2), PLC, and PLD^[1].

REFERENCES

[1]. Honma M, et al. Termination of the structural confusion between plipastatin A1 and fengycin IX. *Bioorg Med Chem*. 2012 Jun 15;20(12):3793-8.

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

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