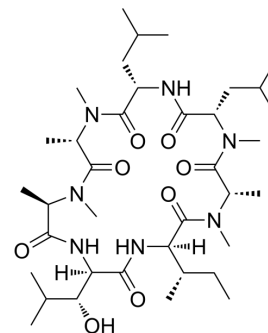


Ternatin

Cat. No.:	HY-125357
CAS No.:	148619-41-4
Molecular Formula:	C ₃₇ H ₆₇ N ₇ O ₈
Molecular Weight:	737.97
Sequence:	Cyclo({Ala(N-Me)}-{d-Ala((N-Me)}-{d-Leu((3R)-3-hydroxy)}-{d-Ile}-{Ala(N-Me)}-Leu-Leu)
Sequence Shortening:	Cyclo({Ala(N-Me)}-{d-Ala((N-Me)}-{d-Leu((3R)-3-hydroxy)}-{d-Ile}-{Ala(N-Me)}-Leu-Leu)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ternatin (compound 2) is a cyclic heptapeptides that can be isolated from mushroom *Coliorus versicolor*. Ternatin inhibits fat-accumulation with an IC₅₀ of 0.027 μM in 3T3-L1 adipocytes^[1].

REFERENCES

[1]. Kenichiro Shimokawa, et al. Structure-based hybridization of the bioactive natural products rhizonin A and ternatin leading to a selective fat-accumulation inhibitor against 3T3-L1 adipocytes. *Bioorg Med Chem Lett*. 2009 Feb 1;19(3):867-9.

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

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