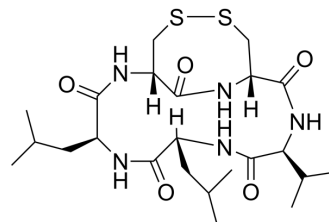


Malformin C

Cat. No.:	HY-P2005
CAS No.:	59926-78-2
Molecular Formula:	C ₂₃ H ₃₉ N ₅ O ₅ S ₂
Molecular Weight:	529.72
Sequence:	Cyclo([d-Cys]-[d-Cys]-Val-[d-Leu]-Leu) (Disulfide bridge: Cys1-Cys2)
Sequence Shortening:	Cyclo([d-Cys]-[d-Cys]-V-[d-Leu]-L) (Disulfide bridge: Cys1-Cys2)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Malformin C is an algicidal peptide can be isolated from *Aspergillus* and exhibits dose-dependent algicidal activity. Malformin C induces a significant increase in ROS levels in algal cells, resulting in impaired SOD activity and high production of MDA content^[1].

REFERENCES

[1]. Li X, et al. Malformin C, an algicidal peptide from marine fungus *Aspergillus* species. *Ecotoxicology*. 2021 Jul;30(5):996-1003.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA