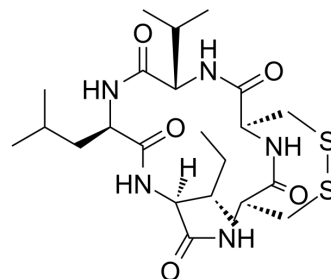


Malformin A1

Cat. No.:	HY-P2569
CAS No.:	3022-92-2
Molecular Formula:	C ₂₃ H ₃₉ N ₅ O ₅ S ₂
Molecular Weight:	529.72
Sequence Shortening:	CCVLI (Disulfide bridge:Cys1-Cys2)
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Malformin A1, a cyclic pentapeptide isolated from *Aspergillus niger*, possess a range of bioactive properties including antibacterial activity. Malformin A1 shows potent cytotoxic activities on human colorectal cancer cells. Malformin A1 induces apoptosis by activating PARP, caspase 3, -7, and -9^[1].

REFERENCES

[1]. Sun-Young Park, et al. Malformin A1 treatment alters invasive and oncogenic phenotypes of human colorectal cancer cells through stimulation of the p38 signaling pathway. *Int J Oncol.* 2017 Sep;51(3):959-966.

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