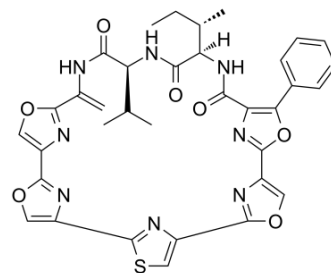


Mechercharmycin A

Cat. No.:	HY-136293
CAS No.:	822520-96-7
Molecular Formula:	C ₃₅ H ₃₂ N ₈ O ₇ S
Molecular Weight:	708.74
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mechercharmycin A is a cytotoxic substance isolated from marine-derived *Thermoactinomyces* sp. YM3-251. Mechercharmycin A exhibits relatively strong antitumor activity^{[1][2]}.

REFERENCES

- [1]. Kanoh K, et, al. Mechercharmycins A and B, cytotoxic substances from marine-derived *Thermoactinomyces* sp. YM3-251. *J Antibiot (Tokyo)*. 2005 Apr;58(4):289-92.
- [2]. Hernández D, et, al. Synthesis and antitumor activity of mechercharmycin A analogues. *J Med Chem*. 2008 Sep 25;51(18):5722-30.

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

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