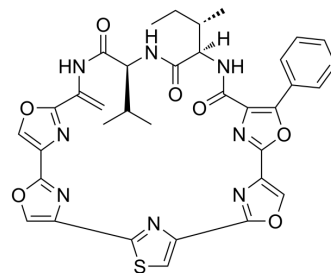


## Mechercharmynin A

Cat. No.:	HY-136293
CAS No.:	822520-96-7
Molecular Formula:	C <sub>35</sub> H <sub>32</sub> N <sub>8</sub> O <sub>7</sub> 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

Mechercharmynin A is a cytotoxic substance isolated from marine-derived *Thermoactinomyces* sp. YM3-251. Mechercharmynin A exhibits relatively strong antitumor activity<sup>[1][2]</sup>.

### REFERENCES

- [1]. Kanoh K, et, al. Mechercharmynins 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 mechercharmynin 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

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