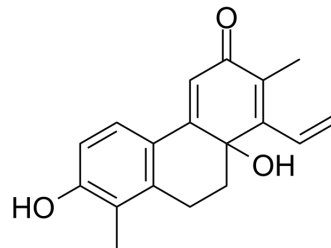


## Juncuenin D

Cat. No.:	HY-N8464
CAS No.:	1161681-24-8
Molecular Formula:	C <sub>18</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	282.33
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Juncuenin D induces caspase-3-mediated cytotoxicity in HT22 cells. Juncuenin D also has anti-bacterial activity against MRSA strains. Juncuenin D can be isolated from *J. effusus*<sup>[1]</sup>.

### REFERENCES

[1]. Ishiuchi K, et al. Chemical constituents isolated from *Juncus effusus* induce cytotoxicity in HT22 cells. *J Nat Med.* 2015 Jul;69(3):421-6.

[2]. Tóth B, et al. Phenanthrenes from *Juncus inflexus* with Antimicrobial Activity against Methicillin-Resistant *Staphylococcus aureus*. *J Nat Prod.* 2016 Nov 23;79(11):2814-2823.

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

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