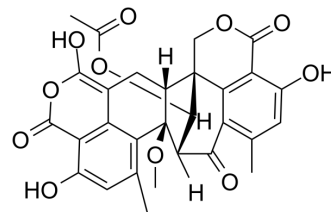


## Talaromycesone A

Cat. No.:	HY-N6310
CAS No.:	1658474-60-2
Molecular Formula:	C <sub>29</sub> H <sub>24</sub> O <sub>11</sub>
Molecular Weight:	548.49
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Talaromycesone A is an oxaphenalenone dimer compound. Talaromycesone A exhibits potent antibacterial activities with an IC<sub>50</sub> of 3.70 μM, against human pathogenic Staphylococcus strains. Talaromycesone A displays potent acetylcholinesterase inhibitory activities with an IC<sub>50</sub> of 7.49 μM<sup>[1]</sup>.

### REFERENCES

[1]. Wu B, et al. Acetylcholinesterase inhibitors from a marine fungus *Talaromyces* sp. strain LF458. *Mar Biotechnol* (NY). 2015;17(1):110-119.

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

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