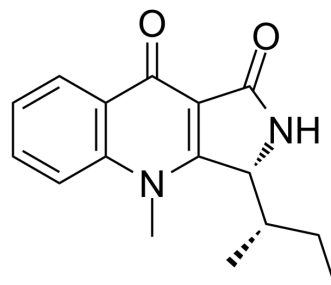


## Quinolactacin A1

Cat. No.:	HY-N7480A
CAS No.:	815576-68-2
Molecular Formula:	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	270.33
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Quinolactacin A1 is a potent acetylcholinesterase (AChE) inhibitor from solid state fermentation of *Penicillium citrinum* 90648. Quinolactacin A1 can be used for the research of Alzheimer disease<sup>[1]</sup>.

### REFERENCES

[1]. W G Kim, et al. Quinolactacins A1 and A2, new acetylcholinesterase inhibitors from *Penicillium citrinum*. *J Antibiot (Tokyo)*. 2001 Oct;54(10):831-5.

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

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