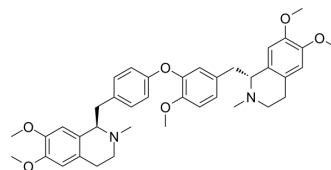


## O-Methylauricine

<b>Cat. No.:</b>	HY-N2612
<b>CAS No.:</b>	2202-17-7
<b>Molecular Formula:</b>	C <sub>39</sub> H <sub>46</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	638.79
<b>Target:</b>	Fungal; Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

O-Methylauricine ((-)-O-Methylauricine) is an alkaloid with benzyloisoquinoline group, which can be separated from *P. ophthalmicus*. O-Methylauricine has antibacterial activity<sup>[1][2]</sup>.

### REFERENCES

[1]. Cañete J G M, et al. In Silico Screening for Neuroreceptor Targets and Derivatization of Alkaloids from *Phaeanthus Ophthalmicus*[J]. *Pharmacophore*, 2022, 13(5-2022): 27-43.

[2]. Magpantay HD, et al. Antibacterial and COX-2 Inhibitory Tetrahydrobisbenzyloisoquinoline Alkaloids from the Philippine Medicinal Plant *Phaeanthus ophthalmicus*. *Plants (Basel)*. 2021 Mar 1;10(3):462.

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

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