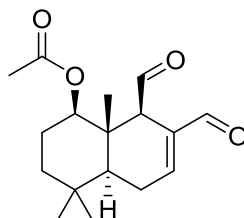


## Acetoxypolygodial

Code No.: **BIA-A1779**

Pack sizes: **1 mg, 5 mg**



Synonyms :

### Specifications

CAS #	: <b>1818425-44-3</b>
Molecular Formula	: <b>C<sub>17</sub>H<sub>24</sub>O<sub>4</sub></b>
Molecular Weight	: <b>292.4</b>
Source	: <b><i>Tasmannia lanceolata</i></b>
Appearance	: <b>Cream-yellow crystals</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO.</b>

### Application Notes

Acetoxypolygodial is a drimane sesquiterpene isolated from the leaves and stems of *Tasmannia lanceolata* and bark of *Canella winterana*, and present in other plant species. Acetoxypolygodial is antifungal and weakly cytotoxic, and is potently active against *Plasmodium falciparum* (IC<sub>50</sub> 2.53 ug/mL).

### References

1. Isolation and characterization of 1 $\beta$ -acetoxypolygodial from *Tasmannia lanceolata*. Deans R.M. et al., Asian J. Org. Chem. 2014, 3, 1193-1196.
2. Antiplasmodial and cytotoxic activities of drimane sesquiterpenes from *Canella winterana*. Grace M.H. et al., Nat. Prod. Commun. 2010, 5, 1869.