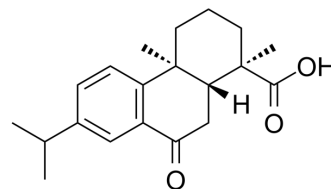


## 7-Oxodehydroabietic acid

Cat. No.:	HY-133620
CAS No.:	18684-55-4
Molecular Formula:	C <sub>20</sub> H <sub>26</sub> O <sub>3</sub>
Molecular Weight:	314.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	7-Oxodehydroabietic acid is a diterpene resin acid isolated from the roots of the pine <i>Pinus densiflora</i> . 7-Oxodehydroabietic acid play a defensive role against herbivorous insects via insect endocrine-disrupting activity <sup>[1]</sup> .
<b>In Vitro</b>	7-Oxodehydroabietic acid significantly affects the growth of <i>P. interpunctella</i> larvae <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Hyun-Woo Oh, et al. Conifer Diterpene Resin Acids Disrupt Juvenile Hormone-Mediated Endocrine Regulation in the Indian Meal Moth *Plodia interpunctella*. *J Chem Ecol.* 2017 Jul;43(7):703-711.

[2]. Hisashi Kato-Noguchi, et al. Involvement of allelopathy in inhibition of understory growth in red pine forests. *J Plant Physiol.* 2017 Nov;218:66-73.

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

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