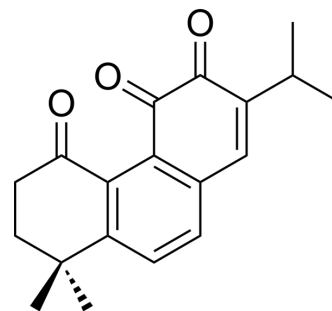


## 1-Oxomiltirone

Cat. No.:	HY-N10703
CAS No.:	142546-16-5
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> O <sub>3</sub>
Molecular Weight:	296.36
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	2-Isopropyl-8,8-dimethyl-7,8-dihydrophenanthrene-3,4,5(6H)-trione is a C <sub>20</sub> -norabietane diterpenoid with anti-inflammatory activity. 2-Isopropyl-8,8-dimethyl-7,8-dihydrophenanthrene-3,4,5(6H)-trione can be isolated from sage leaves [1].
<b>In Vitro</b>	2-Isopropyl-8,8-dimethyl-7,8-dihydrophenanthrene-3,4,5(6H)-trione (compound 12) has inhibitory effects on LPS-stimulated NO production in RAW264.7 cells with an IC <sub>50</sub> value of 5.86 µg/mL <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Lingnan Li, et al. Anti-inflammatory norabietane diterpenoids from the leaves of *Salvia officinalis* L. *Journal of Functional Foods* 54 (2019) 154-163.

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

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