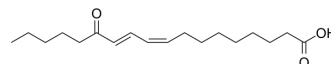


## 13-Oxo-ODE

<b>Cat. No.:</b>	HY-131376
<b>CAS No.:</b>	54739-30-9
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>30</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	294.43
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (339.64 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3964 mL	16.9820 mL	33.9639 mL
	5 mM	0.6793 mL	3.3964 mL	6.7928 mL
	10 mM	0.3396 mL	1.6982 mL	3.3964 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

13-Oxo-ODE is an octadecadienoic acid, that can be isolated from moxa and the leaves of *Artemisia argyi*<sup>[1]</sup>.

### REFERENCES

[1]. Yoshikawa M, et al. Bioactive constituents of Chinese natural medicines. I. New sesquiterpene ketones with vasorelaxant effect from Chinese moxa, the processed leaves of *Artemisia argyi* Levl. et Vant.: moxartenone and moxartenolide. *Chem Pharm Bull (Tokyo)*. 1996 Sep;44(9):1656-62.

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

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