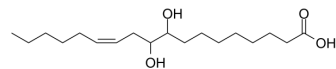


## (±)9,10-DiHOME

Cat. No.:	HY-131670
CAS No.:	263399-34-4
Molecular Formula:	C <sub>18</sub> H <sub>34</sub> O <sub>4</sub>
Molecular Weight:	314.46
Target:	Others
Pathway:	Others
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

#### Description

(±)9,10-DiHOME is the racemate of 9,10-DiHOME. 9,10-DiHOME is a leukotoxin derivative of linoleic acid diol that has been reported to be toxic in human's tissue preparations, and is produced by inflammatory leukocytes such as neutrophils and macrophages<sup>[1]</sup>.

### REFERENCES

[1]. Nieman DC, et al. Influence of pistachios on performance and exercise-induced inflammation, oxidative stress, immune dysfunction, and metabolite shifts in cyclists: a randomized, crossover trial. PLoS One. 2014;9(11):e113725. Published 2014 Nov 19.

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

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