



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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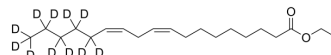
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## Ethyl linoleate-d<sub>11</sub>

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| <b>Cat. No.:</b>          | HY-W013812S3                                                                              |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>25</sub> D <sub>11</sub> O <sub>2</sub>                            |
| <b>Molecular Weight:</b>  | 319.57                                                                                    |
| <b>Target:</b>            | Isotope-Labeled Compounds; Others                                                         |
| <b>Pathway:</b>           | Others                                                                                    |
| <b>Storage:</b>           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Ethyl linoleate-d<sub>11</sub> (Linoleic Acid ethyl ester-d<sub>11</sub>) is deuterium labeled Ethyl linoleate. Ethyl linoleate (Linoleic Acid ethyl ester) inhibit the development of atherosclerotic lesions and the expression of inflammatory mediators<sup>[1][2]</sup>.

### REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Hyun Jung Koo, et al. Chinese yam extracts containing β-sitosterol and ethyl linoleate protect against atherosclerosis in apolipoprotein E-deficient mice and inhibit muscular expression of VCAM-1 in vitro. J Food Sci. 2014 Apr;79(4):H719-29.

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

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