



# 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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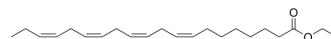
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## omega-3 Arachidonic acid ethyl ester, in ethanol, 98%

Cat. No.:	HY-125139
CAS No.:	123940-93-2
Molecular Formula:	C <sub>22</sub> H <sub>36</sub> O <sub>2</sub>
Molecular Weight:	332.52
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

#### Description

omega-3 Arachidonic acid ethyl ester, in ethanol, 98% is a rare polyunsaturated fatty acid found in very small amounts in dietary sources. Omega-3 fatty acids are known to be essential for the growth and development of infants, and they protect against heart disease, blood clots, high blood pressure, and inflammatory and autoimmune diseases. In human platelet membranes, omega-3 arachidonic acid inhibits arachidonoyl-CoA synthetase with a  $K_i$  of 14  $\mu\text{M}$ . It also inhibits arachidonoyl-CoA synthetase in calf brain extract with an  $\text{IC}_{50}$  of approximately 5  $\mu\text{M}$ . Omega-3 ethyl arachidonate is the more lipophilic form of the free acid.

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

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