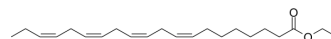


omega-3 Arachidonic acid ethyl ester

Cat. No.:	HY-125139
CAS No.:	123940-93-2
Molecular Formula:	C ₂₂ H ₃₆ O ₂
Molecular Weight:	332.52
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

omega-3 Arachidonic Acid ethyl ester 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 arachidonyl-CoA synthetase with a K_i of 14 μ M. It also inhibits arachidonoyl-CoA synthetase in calf brain extract with an IC_{50} of approximately 5 μ 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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