

Product Specifications

Chemical Name

Ethyl Arachidonate

syn:

(all-Z)-5,8,11,14-Eicosatetraenoic acid, Ethyl Ester

CAS No.

1808-26-0

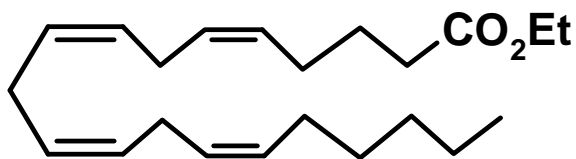
Formula

C₂₂H₃₆O₂

Molecular Wt.

332.52

Structure



Source

Obtained by esterification of Arachidonic Acid isolated from *Mortierella alpine*.

Test

Specification

Appearance

Clear, free-flowing,
light-yellow liquid

Identity

IR

Bp

~210 °C / 2 mm Hg

Assay (hplc)

> 70 %

Linoleic acid

< 10 %

γ-Linolenic acid

DH- γ-Linolenic Acid

< 10 %

Peroxide value (meq/Kg)

Acid value, mg KOH / g

d²⁰

0.90 g/mL

Heavy Metal (Pb, As)

<10 ppm

Fp

> 230 °F

- cont'd -

Stability

The product is sensitive to air, heat and light and should be used as soon as possible after opening. Keep under nitrogen atmosphere.

Packaging

Hermetically sealed container

Storage

The product - in the sealed, original packaging - should be stored in a cool (< 10 C) environment.
