

Product Specifications

Chemical Name

Arachidonic Acid

Syn:

(all-*Z*)-5,8,11,14-Eicosatetraenoic Acid

CAS No.

506-32-1

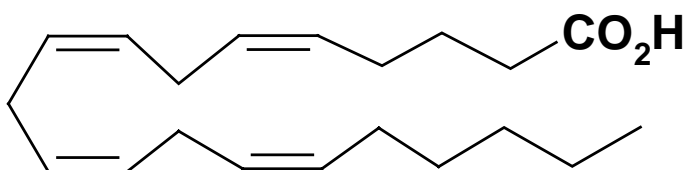
Formula

$C_{20}H_{32}O_2$

Molecular Wt.

304.47

Structure



Source

Mortierella alpina

Test

Specification

Appearance

Free-flowing, light-yellow to yellow liquid

Identity

IR

Assay (hplc)

> 70 % (lower grades available on request)

Impurities

Linoleic acid

~3 %

γ -Linolenic acid

DH- γ -Linolenic Acid

~9 %

Other fatty acids

Provided upon request

d²⁰

~ 0.90 g/mL

Heavy Metal

<10 ppm

Cont'd

Stability

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

Packaging

Hermetically sealed aluminum container

Storage

The product - in the sealed, original packaging - should be stored in a cool and dry place.
