



**Larodan**

Research Grade Lipids

**Research Grade**

**LIPIDS**



# OUR LIPIDS

Larodan's high-purity lipids are typically used as analytical reference standards and research reagents. In addition to our comprehensive catalog of products, we also provide custom synthesis of complex and novel lipids.

Our products are usually supplied in µg and mg, up to multi-gram scale. Standard purity is over 99%. All products include a certificate of analysis.

## **Fatty Acids (FA) and FA Methyl Esters (FAME)**

Saturated-Unsaturated-Conjugated  
Di-acids/Di-esters  
Ethyl esters  
Branched/Methylated  
Cyclic

## **Oxylipins**

OH-Oxo-Epoxy-Hydroperoxy-Ether  
Aldehydes-Diols

## **Prostaglandins**

## **Glycerides (Acylglycerols)**

Mono-Di-Triglycerides  
Single and Mixed fatty acids  
1,2 and 1,3 positions  
Galactosyl diglycerides

## **MCPDs and Glycidyl Esters**

- 3-Chloropropanediols (3-MCPD)
- 2-Chloropropanediols (2-MCPD)
- Bromopropanediols
- Glycidyl Esters
- Stable Isotope Labeled Glycidyl Esters
- Stable Isotope Labeled MCPDs

## **Phospholipids**

Synthetic and Natural  
PC, PG, PE, PS, PA, PI  
LPC, LPG, LPE, LPS, LPA, LPI  
Egg, Soybean, Sunflower  
Bovine, Porcine

## **Sphingolipids**

Sphingosines-Ceramides  
Phosphosphingolipids-Spingomyelins  
Glycosphingolipids-Cerebrosides-  
Sulfatides-Gangliosides

## **Wax Esters**

## **Fatty Alcohols**

## **Saturated Hydrocarbons**

## **Carnitines (L- and D-)**

## **Isotopically labeled carnitines**

## **Coenzyme A and CoA esters**

## **Sterols**

## **Polyprenols and Dolichols**

## **Polyprenyl Phosphate**

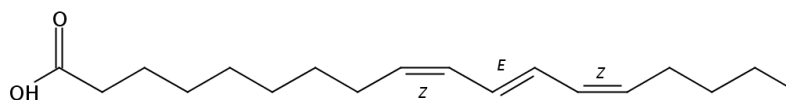
## **Glycines**

► Customized    ► Stable isotope labeled    ► Kits    ► Mixtures

### 9(Z),11(E),13(Z)-Octadecatrienoic acid (Punicic acid)

Product #: 10-1875

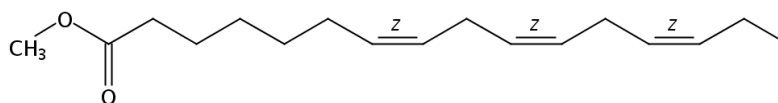
CAS #: 544-72-9



### Methyl 7(Z),10(Z),13(Z)-Hexadecatrienoate (C16:3w3)

Product #: 20-1603

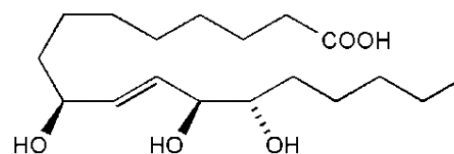
CAS #: 77388-16-0



### 9(S),12(S),13(S)-Trihydroxy-10(E)-octadecenoic acid (Pinellic acid)

Product #: 14-1872

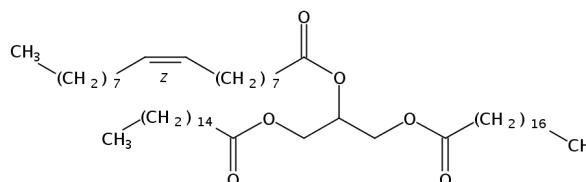
CAS #: 93380-89-3



### 1-Palmitin-2-Olein-3-Stearin

Product #: 34-3001

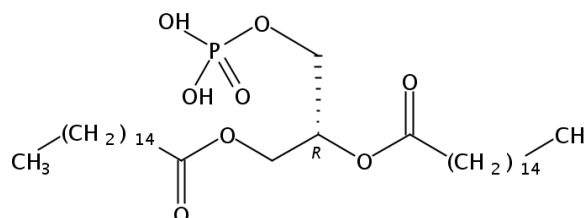
CAS #: 2190-27-4



### DPPA-Na 16:0/16:0

Product #: 38-1660

CAS #: 169051-60-9





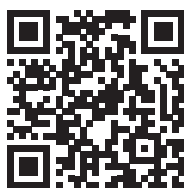
## About Larodan

Founded in 1963, Larodan has been manufacturing a comprehensive range of lipids for use as analytical standards and research reagents, serving customers across the globe. Our products include all classes of lipids, from simple fatty acids and methyl esters to complex oxylipins, glycerides and phospholipids. Additional compounds can be offered via custom synthesis. We also provide specialty products to the Nordic market, in collaboration with other world-class research chemicals companies. Our facilities are located at the Karolinska Institute in Stockholm, Sweden.

### Larodan AB

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Innovation to support science....

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