



**Larodan**

Research Grade Lipids

# **GLYCERIDES**

**Acylglycerols**



# OUR GLYCERIDES

Glycerides, also referred to as acylglycerols or glycerolipids, are esters formed from glycerol and fatty acids. Glycerol has three hydroxyl functional groups that are esterified with one, two, or three fatty acids to form monoglycerides, diglycerides, and triglycerides. Vegetable oils and animal fats contain mostly triglycerides, that is broken down by natural enzymes into mono- and diglycerides and free fatty acids and glycerol.

Larodan offers synthetic glycerides in mg up to multi g scale. Standard purity is above 99%. All products come with a certificate of analysis.

## **Monoglycerides**

(MAG, MG)

1-position

2-position

## **Diglycerides**

(DAG,DG)

1,2-Single fatty acids

1,3-Single fatty acids

1,2-Mixed fatty acids

1,3-Mixed fatty acids

## **Triglycerides**

(TAG, TG)

Single fatty acids

Two mixed fatty acids

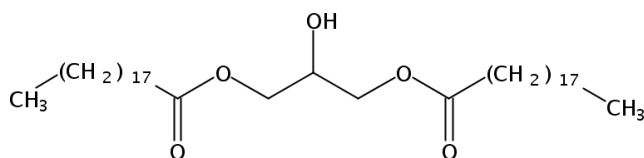
Three mixed fatty acids

### 1,3-Dinonadecanoin

Product #: 32-1903

CAS #: 372490-74-9

Lipid #: DG (19:0/0:0/19:0)

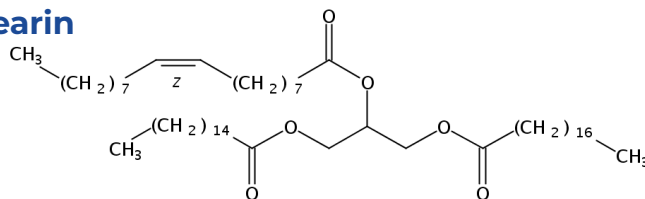


### 1-Palmitin-2-Olein-3-Stearin

Product #: 34-3001

CAS #: 2190-27-4

Lipid #: TG (16:0/18:1/18:0)

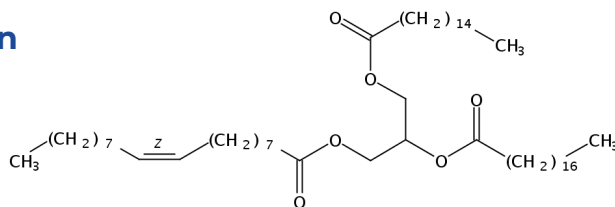


### 1-Palmitin-2-Stearin-3-Olein

Product #: 34-3002

CAS #: 2190-28-5

Lipid #: TG (16:0/18:0/18:1)





## About Larodan

Larodan manufactures high purity lipids for use as reference standards, reagents and ingredients. Our comprehensive catalog of compounds includes most classes of lipids - from fatty acids and oxylipins to glycerides and phospholipids. In addition, we offer custom synthesis of novel lipids and lipid-like compounds. Applications for our products range from bioscientific research and pharmaceutical science to food oil chemistry and nutritional science. Our customers are research institutions and companies all over the world. Our facilities are located at the Karolinska Institute campus in Stockholm, Sweden. Since 2020 we are part of the ABF Group together with our parent company ABITEC Corporation. Larodan – research grade lipids since 1963.

### Larodan AB

Karolinska Institutet Science Park  
Nobels väg 16  
SE-17165 Solna  
Sweden

[info@larodan.com](mailto:info@larodan.com)



**Larodan**  
Research Grade Lipids

[www.larodan.com](http://www.larodan.com)