

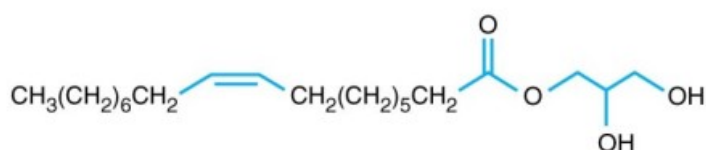


Monoolein, 1 gram - 1 g

LCP - Lipidic Cubic Phase

Product codes:

Reference: HR 2435



Product gallery:



Product description:

- Purity >99%
- Host lipid for LCP Lipidic Cubic Phase
- Monoolein forms a LCP Lipidic Cubic Phase when mixes with protein solution

Synonyms: 1-(cis-9-Octadecenoyl)-rac-glycerol, rac-Glycerol 1-monooleate, DL-?-Monoolein, Glyceryl cis-9-octadecenoate, 1-Oleoyl-rac-glycerol, 9-monoolein, 9-monooctadecanoin, 9.9 MAG

Formula C₂₁H₄₀O₄

Linear Formula CH₃(CH₂)₇CH=CH(CH₂)₇COOCH₂CHOHCH₂OH

Formula Weight (Mr) 356.50

CAS Number [111-03-5]

EC Number 203-827-7

Beilstein Registry Number 1728976

MDL Number MFCD00042735

Appearance (starting material) Clear colorless liquid to white waxy solid at room temperature

Purity >99% by Thin Layer Chromatography (TLC)

Gas liquid chromatography > 99% on methyl ester

Thin layer chromatography shows only the monoglyceride moiety present

Type Non-ionic

Melting Point 35°C

Original source Sunflower oil



Infrared spectrum Conforms to structure

Storage

Store at 0 degrees Celsius or colder.

Unopened product best if used within 24 months of receipt. Once opened, best if used within 6 months. To enhance the stability of remaining material after product is opened, gently purge the product with an inert gas such as nitrogen or argon, which will remove oxygen which can cause oxidation of the Monoolein, before sealing.

Solubility

Soluble in chloroform (50 mg/ml). Soluble in Hexane and can be crystallized from Hexane. In water, Monoolein tends to form a gel or emulsion.

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: Monoolein