

# 1-Linoleoyl Glycerol

Catalog No: tcsc0035304



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

2277-28-3

**Formula:**

$C_{21}H_{38}O_4$

**Pathway:**

Metabolic Enzyme/Protease

**Target:**

Phospholipase

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 100$  mg/mL (282.07 mM)

**Alternative Names:**

1-Linoleoyl-rac-glycerol;1-Monolinolein

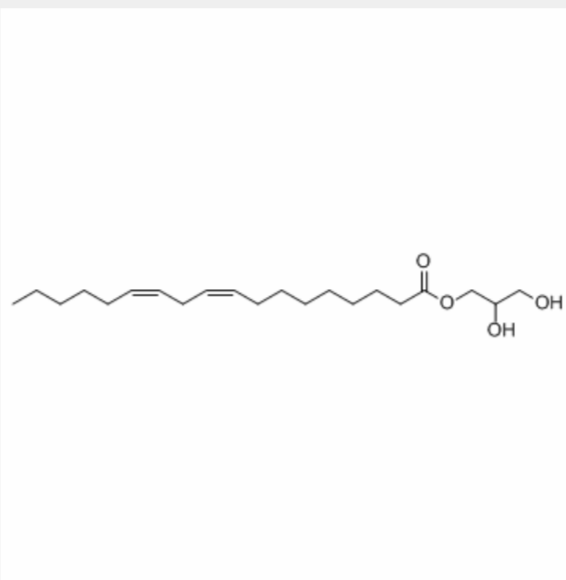
**Observed Molecular Weight:**

354.52

## Product Description

1-Linoleoyl glycerol (1-LG) is a fatty acid glycerol that has been isolated from *S. chinensis* roots.

IC<sub>50</sub> & Target: The (R)-1-Linoleoyl Glycerol and (S)-1-Linoleoyl Glycerol exhibit Lipoprotein-associated phospholipase A<sub>2</sub> (Lp-PLA<sub>2</sub>) inhibitory activities with IC<sub>50</sub> values of 45.0 and 52.0 μM, respectively<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!