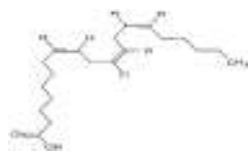


Dihomo- γ -Linolenic Acid

ALTERNATE NAME: 8Z,11Z,14Z-eicosatrienoic acid
DGLA

CATALOG #: B2751-10 10 mg
B2751-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₃₄O₂

MOLECULAR WEIGHT: 306.5

CAS NUMBER: 1783-84-2

APPEARANCE: Liquid (A solution in ethanol)

PURITY: \geq 98%

DESCRIPTION: Dihomo- γ -Linolenic Acid (DGLA, 20:3), an elongation product of γ -linolenic acid (18:3), is rapidly metabolized by fatty acid desaturases to produce arachidonic acid (20:4). DGLA is metabolized through the cyclooxygenase pathway to produce 1-series prostaglandins, including PGE1. DGLA also inhibits several key cellular processes associated with atherosclerosis.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

COX-2 Inhibitor Screening Kit (Fluorometric) (K547)
Cyclooxygenase-1 (COX-1) Inhibitor Screening Kit (Fluorometric) (K548)
Arachidonic Acid (1505)
Arachidonic Acid (AA) ELISA Kit (E4602)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*