

For Research Use Only

gamma-Linolenic acid

Catalog Number: CM00276

产品信息

Catalog Number:
CM00276

CAS号:
506-26-3

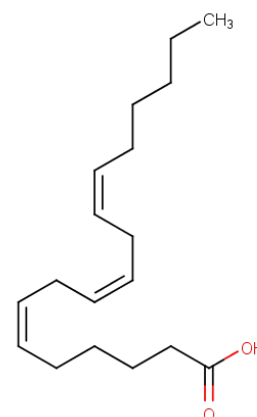
分子式:
C₁₈H₃₀O₂

主要靶点:
Endogenous Metabolite

主要通路:
代谢

分子量:
278.43

溶解度:
DMSO:55 mg/mL (197.53 mM)



描述

gamma-Linolenic acid (gamolenic acid), is an unsaturated fatty acid synthesized from linoleic acid (LA) by the enzyme delta-6-desaturase. Research on hepatocellular cell lines has shown γ-Linolenic Acid to have induced reactive oxygen species generation including lipid peroxidation, cell growth inhibition, and heme oxygenase-1 production for antioxidant protection against oxidative stress. Further experiments have noted that γ-Linolenic acid inhibits inflammatory responses through inactivation of NF-κB and activator protein-1 by suppressed oxidative stress.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years