Bioactive Molecules, Building Blocks, Intermediates

Data Sheet

Product Name: 1-Linoleoyl Glycerol
Cat. No.: CS-0035304
CAS No.: 2277-28-3
Molecular Formula: C_{21}H_{38}O_{4}
Molecular Weight: 354.52
Target: Phospholipase
Pathway: Metabolic Enzyme/Protease
Solubility: DMSO: ≥ 100 mg/mL (282.07 mM)

BIOLOGICAL ACTIVITY:
1-Linoleoyl glycerol (1-LG) is a fatty acid glycerol that has been isolated from *S. chinensis* roots.
IC50 & Target: The (R)-1-Linoleoyl Glycerol and (S)-1-Linoleoyl Glycerol exhibit Lipoprotein-associated phospholipase A2 (Lp-PLA2) inhibitory activities with IC50 values of 45.0 and 52.0 μM, respectively.[1]

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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