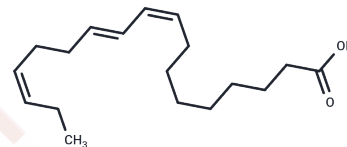


c9,t11,c15-CLNA

Chemical Properties

CAS No. : 15909-18-9
 Formula: C₁₈H₃₀O₂
 Molecular Weight: 278.43
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|----------------------------|--|
| Description | c9,t11,c15-CLNA is an isomer of conjugated linolenic acid (CLNA) produced by <i>Lactobacillus plantarum</i> ZS2058. This compound demonstrates significant anti-colorectal cancer cell proliferation activity (IC ₅₀ : 18.26 μM). It induces pyroptosis by activating the caspase-1-mediated classical pyroptosis pathway. c9,t11,c15-CLNA can be utilized in colorectal cancer research. |
| Targets(IC ₅₀) | Caspase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5916 mL | 17.9578 mL | 35.9157 mL |
| 5 mM | 0.7183 mL | 3.5916 mL | 7.1831 mL |
| 10 mM | 0.3592 mL | 1.7958 mL | 3.5916 mL |
| 50 mM | 0.0718 mL | 0.3592 mL | 0.7183 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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