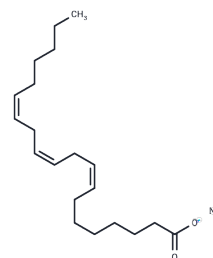


Dihomo- γ -linolenic acid sodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 65881-87-0 |
| Formula: | C ₂₀ H ₃₃ NaO ₂ |
| Molecular Weight: | 328.46 |
| 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 | Dihomo- γ -linolenic acid (DGLA; all-cis-8,11,14-Eicosatrienoic acid) sodium, a 20-carbon ω -6 fatty acid, exhibits anti-inflammatory and anti-proliferative properties. It has been shown to mitigate atherosclerosis in the apolipoprotein E deficient mouse model system [1] [2] [3]. |
| Targets(IC50) | Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0445 mL | 15.2226 mL | 30.4451 mL |
| 5 mM | 0.6089 mL | 3.0445 mL | 6.089 mL |
| 10 mM | 0.3045 mL | 1.5223 mL | 3.0445 mL |
| 50 mM | 0.0609 mL | 0.3045 mL | 0.6089 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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