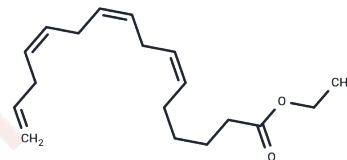


## 6,9,12,15-Hexadecatetraenoic acid-ethyl ester

## Chemical Properties

CAS No. : 845779-89-7  
 Formula: C<sub>18</sub>H<sub>28</sub>O<sub>2</sub>  
 Molecular Weight: 276.41  
 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   | 6,9,12,15-Hexadecatetraenoic acid-ethyl ester, an n-1PUFA, demonstrates oral activity and has been shown to lower plasma triglyceride levels in mice when consumed [1]. |
| Targets(IC50) | Others,Endogenous Metabolite  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.6178 mL | 18.0891 mL | 36.1781 mL |
| 5 mM  | 0.7236 mL | 3.6178 mL  | 7.2356 mL  |
| 10 mM | 0.3618 mL | 1.8089 mL  | 3.6178 mL  |
| 50 mM | 0.0724 mL | 0.3618 mL  | 0.7236 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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