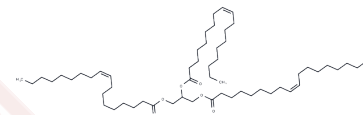


Triolein

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 122-32-7 |
| Formula: | C57H104O6 |
| Molecular Weight: | 885.43 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i> |



Biological Description

| | |
|---------------|---|
| Description | Glyceryl Trioleate has been investigated for the treatment of Adrenoleukodystrophy. |
| Targets(IC50) | MMP, Endogenous Metabolite |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 75 mg/mL (84.7 mM), Sonication is recommended. H2O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (2.26 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1294 mL | 5.647 mL | 11.2939 mL |
| 5 mM | 0.2259 mL | 1.1294 mL | 2.2588 mL |
| 10 mM | 0.1129 mL | 0.5647 mL | 1.1294 mL |
| 50 mM | 0.0226 mL | 0.1129 mL | 0.2259 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.

Reference

Sassa, T., et al.: J. Lipid Res., 55, 524 (2014)

Macro, C., et al.: J. Inherit. Metab. Dis., 35, 899 (2012)

Alexander, S., et al.: Expert Rev. Neurother., 8, 1367 (2008)

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