

## Caprylic/Capric Triglyceride

## Chemical Properties

CAS No. : 65381-09-1

Formula: C<sub>24</sub>H<sub>48</sub>O<sub>8</sub>

Molecular Weight: 464.63

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Caprylic/Capric Triglyceride, a compound consisting of triglycerides and esters derived from fractionated vegetable oil, and fatty acids from coconut and palm kernel oils, serves as a food additive and is utilized in cosmetics. This substance demonstrates outstanding oxidation stability.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 250 mg/mL (538.06 mM), Sonication is recommended. ( $< 1$ 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 (4.3 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

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	1mg	5mg	10mg
1 mM	2.1523 mL	10.7613 mL	21.5225 mL
5 mM	0.4305 mL	2.1523 mL	4.3045 mL
10 mM	0.2152 mL	1.0761 mL	2.1523 mL
50 mM	0.043 mL	0.2152 mL	0.4305 mL

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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

MonzerFanun, et al. Structure probing of water/mixed nonionic surfactants/caprylic-capric triglyceride system using conductivity and NMR. Volume 133, Issues 1-3, 15 March 2007, Pages 22-27.

What is Caprylic/Capric Triglyceride and Is It Safe?

**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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