

Caprylic/Capric Triglyceride

Chemical Properties

CAS No. : 65381-09-1

Formula: C₂₄H₄₈O₈

Molecular Weight: 464.63

Appearance: no data available

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



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: 13 mg/mL (27.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	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

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.

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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