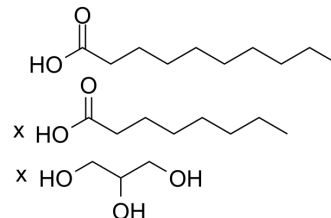


Caprylic/Capric Triglyceride

Cat. No.:	HY-135087		
CAS No.:	65381-09-1		
Molecular Formula:	C ₁₀ H ₂₀ O ₂ .xC ₈ H ₁₆ O ₂ .xC ₃ H ₈ O ₃		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro DMSO : 100 mg/mL (Need ultrasonic)

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (Infinity mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Caprylic/Capric Triglyceride is the triglycerides and esters prepared from fractionated vegetable oil sources and fatty acids from coconuts and palm kernel oils. Caprylic/Capric Triglyceride possesses excellent oxidation stability. Caprylic/Capric Triglyceride is used as a food additive and used in cosmetics^{[1][2][3]}.

CUSTOMER VALIDATION

- Clin Immunol. July 2022, 109056.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. 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.

[2]. What is Caprylic/Capric Triglyceride and Is It Safe?

Caution: Product has not been fully validated for medical applications. For research use only.

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