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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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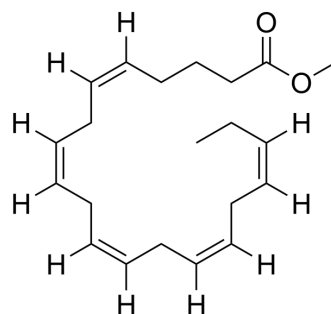
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Eicosapentaenoic acid methyl ester

Cat. No.:	HY-W011311
CAS No.:	2734-47-6
Molecular Formula:	C ₂₁ H ₃₂ O ₂
Molecular Weight:	316.49
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (315.97 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.1597 mL	15.7983 mL	31.5966 mL	
		5 mM	0.6319 mL	3.1597 mL	6.3193 mL	
		10 mM	0.3160 mL	1.5798 mL	3.1597 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Eicosapentaenoic acid methyl ester is a degradant of a monogalactosyl diacylglycerol (an anticancer compound by inducing apoptosis) ^[1] .
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REFERENCES

[1]. Andrianasolo EH, et, al. Apoptosis-inducing galactolipids from a cultured marine diatom, *Phaeodactylum tricornutum*. J Nat Prod. 2008 Jul;71(7):1197-201.

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

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