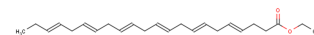


Ethyl docosa-4,7,10,13,16,19-hexaenoate

Chemical Properties

CAS No.:	84494-72-4
Formula:	C ₂₄ H ₃₆ O ₂
Molecular Weight:	356.55
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Ethyl cis-4,7,10,13,16,19-Docosahexaenoate, the ethyl ester of Docosahexaenoate (DHA), is enriched in the ethyl ester fraction by the selective alcoholysis of fatty acid ethyl esters originating from tuna oil with lauryl alcohol.
Targets(IC ₅₀)	Others: None
In vitro	Ethyl cis-4,7,10,13,16,19-Docosahexaenoate (Ethyl docosahexaenoate; E-DHA) is efficiently enriched by the selective alcoholysis of ethyl esters originating from tuna oil with lauryl alcohol using immobilized lipase.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.805 mL	14.023 mL	28.047 mL
5 mM	0.561 mL	2.805 mL	5.609 mL
10 mM	0.28 mL	1.402 mL	2.805 mL
50 mM	0.056 mL	0.28 mL	0.561 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Yuji Shimada, et al. Purification of ethyl docosahexaenoate by selective alcoholysis of fatty acid ethyl esters with immobilized

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481