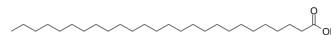


Hexacosanoic acid

Cat. No.:	HY-113301		
CAS No.:	506-46-7		
Molecular Formula:	C ₂₆ H ₅₂ O ₂		
Molecular Weight:	396.69		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

THF : 5.56 mg/mL (14.02 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5209 mL	12.6043 mL	25.2086 mL
	5 mM	0.5042 mL	2.5209 mL	5.0417 mL
	10 mM	0.2521 mL	1.2604 mL	2.5209 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Hexacosanoic acid is a long-chain fatty acid related to various diseases such as adrenoleukodystrophy (ALD), adrenomyeloneuropathy (AMN) and atherosclerosis.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Yamamoto Y, et al. Chemical Synthesis of a Very Long-Chain Fatty Acid, Hexacosanoic Acid (C26:0), and the Ceramide Containing Hexacosanoic Acid.

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

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