



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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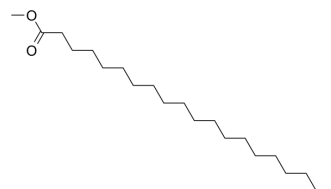
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Methyl arachidate

Cat. No.:	HY-W004291		
CAS No.:	1120-28-1		
Molecular Formula:	C ₂₁ H ₄₂ O ₂		
Molecular Weight:	326.56		
Target:	Aminopeptidase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2 mg/mL (6.12 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		3.0622 mL	15.3111 mL	30.6222 mL
5 mM		0.6124 mL	3.0622 mL	6.1244 mL
10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

Methyl arachidate (Methyl eicosanoate), a natural compound, is a leukotriene A4 hydrolase (LTA4H) inhibitor^[1].

REFERENCES

[1]. Yu Gu, et al. Discover potential inhibitors of 5-LOX and LTA4H from Rhei Radix et Rhizoma, Notopterygii Rhizoma et Radix and Genitana Macrophyllae Radix based on molecular simulation methods. Zhongguo Zhong Yao Za Zhi. 2017 Dec;42(23):4494-4502.

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

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