



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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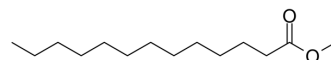
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Methyl tridecanoate

Cat. No.:	HY-W004287		
CAS No.:	1731-88-0		
Molecular Formula:	C ₁₄ H ₂₈ O ₂		
Molecular Weight:	228.37		
Target:	Amyloid-β; Cholinesterase (ChE)		
Pathway:	Neuronal Signaling		
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 : ≥ 10 mg/mL (43.79 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
Preparing Stock Solutions	1 mM		4.3789 mL	21.8943 mL	43.7886 mL
	5 mM		0.8758 mL	4.3789 mL	8.7577 mL
	10 mM		0.4379 mL	2.1894 mL	4.3789 mL

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

BIOLOGICAL ACTIVITY

Description

Methyl tridecanoate moderately inhibits β-amyloid aggregation. Methyl tridecanoate weakly inhibits acetylcholinesterase (AChE)^[1].

REFERENCES

[1]. Lomarat P, et al. Bioactivity-guided Separation of the Active Compounds in *Acacia pennata* Responsible for the Prevention of Alzheimer's Disease. *Nat Prod Commun.* 2015;10(8):1431-1434.

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

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