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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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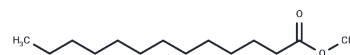
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Methyl tridecanoate

Chemical Properties

CAS No. :	1731-88-0
Formula:	C ₁₄ H ₂₈ O ₂
Molecular Weight:	228.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methyl tridecanoate inhibits β -amyloid aggregation moderately and inhibits acetylcholinesterase (AChE) weekly[1].
Targets(IC50)	Beta Amyloid,Cholinesterase (ChE)

Solubility Information

Solubility	Ethanol: 25 mg/mL (109.45 mM) DMSO: 10 mg/mL (43.78 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0876 mL	0.4379 mL	0.8758 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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