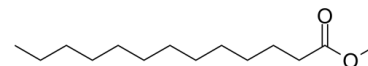


Data Sheet

Product Name:	Methyl tridecanoate
Cat. No.:	CS-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
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

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.

CAIndexNames:

Tridecanoic acid, methyl ester

SMILES:

CCCCCCCCCCCC(=O)OC

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

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