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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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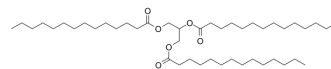
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Trimyristin

Cat. No.:	HY-N2511
CAS No.:	555-45-3
Molecular Formula:	C ₄₅ H ₈₆ O ₆
Molecular Weight:	723.16
Target:	AChE; Phosphatase; Endogenous Metabolite
Pathway:	Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)
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BIOLOGICAL ACTIVITY

Description	Trimyristin, an active molluscicidal component of <i>Myristica fragrans</i> Houtt, significantly inhibits acetylcholinesterase (AChE), acid and alkaline phosphatase (ACP/ALP) activities in the nervous tissue of <i>Lymnaea acuminata</i> . IC ₅₀ s of Trimyristin against AChE, ACP, and ALP are 0.11, 0.16 and 0.18 mM, respectively ^[1] .
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REFERENCES

[1]. Jaiswal P, et al. Enzyme Inhibition by Molluscicidal Components of *Myristica fragrans* Houtt. in the Nervous Tissue of Snail *Lymnaea acuminata*. *Enzyme Res.* 2010;2010:478746.

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

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