



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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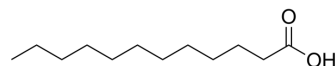
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Lauric acid (Standard)

Cat. No.:	HY-Y0366R
CAS No.:	143-07-7
Molecular Formula:	C ₁₂ H ₂₄ O ₂
Molecular Weight:	200.32
Target:	Endogenous Metabolite; Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (499.20 mM; Need ultrasonic)
 0.1 M NaOH : 10 mg/mL (49.92 mM; ultrasonic and warming and adjust pH to 11 with NaOH and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		4.9920 mL	24.9601 mL	49.9201 mL
	5 mM		0.9984 mL	4.9920 mL	9.9840 mL
	10 mM		0.4992 mL	2.4960 mL	4.9920 mL

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

BIOLOGICAL ACTIVITY

Description

Lauric acid (Standard) is the analytical standard of Lauric acid. This product is intended for research and analytical applications. Lauric acid is a middle chain-free fatty acid with strong bactericidal properties. The EC₅₀s for P. acnes, S. aureus, S. epidermidis, are 2, 6, 4 µg/mL, respectively.

IC₅₀ & Target

Human Endogenous Metabolite

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

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