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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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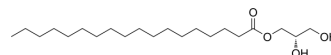
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1-Stearoyl-sn-glycerol

Cat. No.:	HY-W704079
CAS No.:	22610-61-3
Molecular Formula:	C ₂₁ H ₄₂ O ₄
Molecular Weight:	358.56
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Stearoyl-sn-glycerol is (MG(18:0/0:0/0:0); L-(-)-1-Monostearin; 1-Octadecanoyl-sn-glycerol) is a monoglyceride and also a metabolite found in plasma, which can be used in metabolomic analysis of plasma for coronary artery lesions (CAL)^{[1][2]}.

REFERENCES

- [1]. Zhu Q, et al. Palmitic acid, a critical metabolite, aggravates cellular senescence through reactive oxygen species generation in Kawasaki disease[J]. *Frontiers in Pharmacology*, 2022, 13: 809157.
- [2]. Bus J, et al. Determination of enantiomeric purity of glycerides with a chiral PMR shift reagent[J]. *Chemistry and Physics of Lipids*, 1976, 16(2): 123-132.

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

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