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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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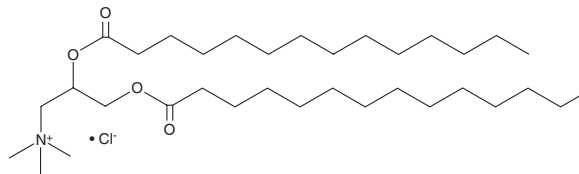
PRODUCT INFORMATION



1,2-Dimyristoyl-3-trimethylammoniumpropane (chloride)

Item No. 38906

CAS Registry No.: 197974-74-6
Formal Name: N,N,N-trimethyl-2,3-bis[(1-oxotetradecyl)oxy]-1-propanaminium, monochloride
Synonyms: DMTAP, 14:0 TAP
MF: C₃₄H₆₈NO₄ • Cl
FW: 590.4
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

1,2-Dimyristoyl-3-trimethylammoniumpropane (DMTAP) is supplied as a solid. A stock solution may be made by dissolving the DMTAP in the solvent of choice, which should be purged with an inert gas. DMTAP is soluble in the organic solvent chloroform at a concentration of approximately 10 mg/ml.

Description

DMTAP is a cationic lipid that has been used as a transfection reagent.¹ Lipid nanodisks containing DMTAP and dimyristoylphosphatidylcholine (DMPC) and bound to siRNA against *GAPDH* reduce *GAPDH* enzymatic activity in HepG2 cells.

Reference

1. Ghosh, M., Ren, G., Simonsen, J.B., *et al.* Cationic lipid nanodisks as an siRNA delivery vehicle. *Biochem. Cell Biol.* **92**(3), 200-205 (2014).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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