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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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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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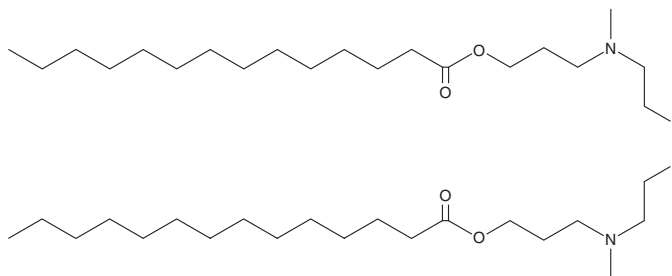
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PRODUCT INFORMATION



^{SS}Palm_M
Item No. 37377

CAS Registry No.: 1436860-60-4
Formal Name: tetradecanoic acid, 1,1'-[dithiobis[2,1-ethanediyl(methylimino)-3,1-propanediyl]] ester
MF: C₄₀H₈₀N₂O₄S₂
FW: 717.2
Purity: ≥98%
Supplied as: A solution in methyl acetate
Storage: -20°C
Stability: ≥1 year



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

Description

^{SS}Palm_M is an ionizable cationic disulfide-cleavable (SS-cleavable) proton-activated lipid-like material (^{SS}Palm).¹ It has been used in combination with other lipids in the formation of lipid nanoparticles (LNPs) for nuclear targeting of plasmid DNA.

Reference

1. Tanaka, H., Akita, H., Ishiba, R., *et al.* Neutral biodegradable lipid-envelope-type nanoparticle using vitamin A-Scaffold for nuclear targeting of plasmid DNA. *Biomaterials* **35(5)**, 1755-1761 (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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