



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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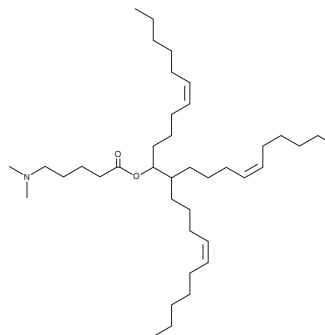
PRODUCT INFORMATION



Lipid CL1

Item No. 38320

CAS Registry No.: 1450888-71-7
Formal Name: 5-(dimethylamino)-pentanoic acid,
(6Z)-1,2-di-(4Z)-4-decen-1-yl-6-
dodecen-1-yl ester
MF: C₃₉H₇₃NO₂
FW: 588.0
Purity: ≥95%
Supplied as: A solution in ethanol
Storage: -20°C
Stability: ≥2 years



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

Description

Lipid CL1 is an ionizable cationic trialkyl lipid that has been used in the formation of lipid nanoparticles (LNPs).¹ LNPs containing lipid CL1 and encapsulating mRNA encoding human erythropoietin (EPO) increase blood EPO protein levels in mice.

Reference

1. Hayes, J., Judge, A., Lam, K.M., *et al.* Lipid nanoparticles. *Genevant Sciences GMBH*. **US2022/0168222A1** (2022).

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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