



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

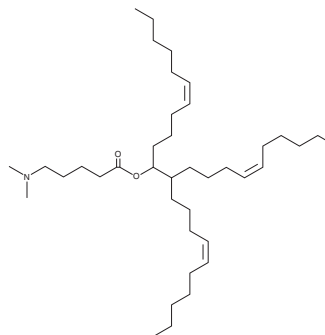
# PRODUCT INFORMATION



## 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:** C<sub>39</sub>H<sub>73</sub>NO<sub>2</sub>  
**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).<sup>1</sup> 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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#### CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD  
ANN ARBOR, MI 48108 · USA

**PHONE:** [800] 364-9897  
[734] 971-3335

**FAX:** [734] 971-3640

CUSTSERV@CAYMANCHEM.COM  
[WWW.CAYMANCHEM.COM](http://WWW.CAYMANCHEM.COM)