



# 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

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# PRODUCT INFORMATION



**CIN-16645**

Item No. 37278

**CAS Registry No.:** 1799316-64-5  
**Formal Name:** 9Z,12Z-octadecadienoic acid,  
3-[4,4-bis(octyloxy)-1-oxobutoxy]-  
2-[[[3-(diethylamino)propoxy]  
carbonyl]oxy]methyl]propyl ester

**Synonym:** LP-01  
**MF:** C<sub>50</sub>H<sub>93</sub>NO<sub>9</sub>

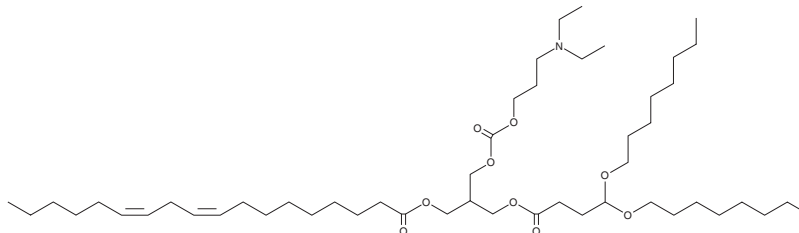
**FW:** 852.3

**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.

## Laboratory Procedures

CIN-16645 is supplied as a solution in ethanol. To change the solvent, simply evaporate the ethanol under a gentle stream of nitrogen and immediately add the solvent of choice. Solvents such as DMSO, dichloromethane, and dimethyl formamide purged with an inert gas can be used.

## Description

CIN-16645 is an ionizable cationic amino lipid.<sup>1</sup> It has been used in combination with other lipids in the formation of lipid nanoparticles (LNPs) to deliver single-guide RNA (sgRNA) targeting MHC class II transactivator (CIITA) in T cells.

## Reference

1. Sridhar, S., Zhang, Y., Harrington, W.F., *et al.* Compositions and methods for reducing MHC class II in a cell. *Intellia Therapeutics, Inc. WO2022/125982* (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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