



# 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

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION



**ATX-001**

Item No. 39037

**CAS Registry No.:** 1777792-33-2  
**Formal Name:** 8,8'-[[2-[[2-(dimethylamino)ethyl]thio]acetyl]imino]bis-octanoic acid, 1,1'-di-(2Z)-2-nonen-1-yl ester

**MF:** C<sub>40</sub>H<sub>74</sub>N<sub>2</sub>O<sub>5</sub>S

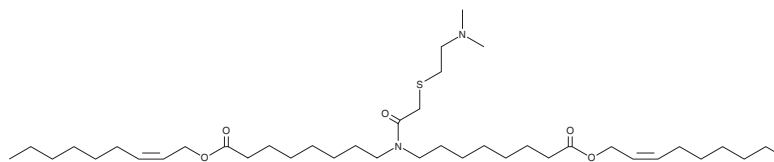
**FW:** 695.1

**Purity:** ≥98%

**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

ATX-001 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. ATX-001 is soluble in the organic solvent DMSO.

## Description

ATX-001 is an ionizable cationic lipid.<sup>1</sup> It has been used in combination with other lipids in the formation of lipid nanoparticles (LNPs) for the delivery of mRNA *in vivo*.

## Reference

1. Karmali, P., Chivukula, P., Payne, J.E., *et al.* Method of making lipid-encapsulated RNA nanoparticles. *Arcturus Therapeutics*. **WO 2020/191103 AI** (2020).

### 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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