



# 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

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



## Latanoprost *tris*(triethylsilyl) ether

Item No. 37396

**CAS Registry No.:** 477884-78-9  
**Formal Name:** (5Z)-7-[(1R,2R,3R,5S)-2-[(3R)-5-phenyl-3-[(triethylsilyl)oxy]pentyl]-3,5-bis[(triethylsilyl)oxy]cyclopentyl]-5-heptenoic acid, 1-methylethyl ester

**Synonym:** Latanoprost-related Compound D

**MF:** C<sub>44</sub>H<sub>82</sub>O<sub>5</sub>Si<sub>3</sub>

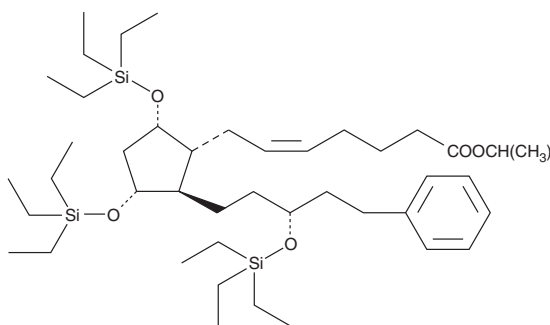
**FW:** 775.4

**Purity:** ≥95%

**Supplied as:** A neat oil

**Storage:** -20°C

**Stability:** ≥4 years



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

### Laboratory Procedures

Latanoprost *tris*(triethylsilyl) ether is supplied as a neat oil. A stock solution may be made by dissolving the latanoprost *tris*(triethylsilyl) ether in the solvent of choice, which should be purged with an inert gas. Latanoprost *tris*(triethylsilyl) ether is soluble in chloroform. Latanoprost *tris*(triethylsilyl) ether is slightly soluble in acetonitrile (warmed, sonicated).

### Description

Latanoprost *tris*(triethylsilyl) ether is a precursor in the synthesis of the prostaglandin F<sub>2α</sub> (PGF<sub>2α</sub>) receptor (FP receptor) agonist latanoprost (Item No. 16812).<sup>1</sup>

### Reference

1. Greenwood, A.K., Mchattie, D., Thompson, D.G., *et al.* Process for the preparation of prostaglandins and analogues thereof. *Resolution Chemicals Limited*. **WO02/096898A2** (2002).

#### 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.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 11/01/2022

#### 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