



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## 2-O-Hexadecyl Glycerol

Item No. 11924

**CAS Registry No.:** 1931-78-8  
**Formal Name:** 2-(hexadecyloxy)-1,3-propanediol  
**Synonyms:** 16 OGE,  $\beta$ -Chimyl Alcohol, 2-Chimyl Alcohol, 2-Palmityl Glycerol

**MF:**  $C_{19}H_{40}O_3$

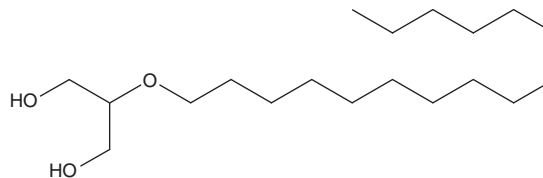
**FW:** 316.5

**Purity:**  $\geq 95\%$

**Supplied as:** A crystalline solid

**Storage:**  $-20^{\circ}\text{C}$

**Stability:** As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



### Laboratory Procedures

2-O-Hexadecyl glycerol is supplied as a crystalline solid. A stock solution may be made by dissolving the 2-O-hexadecyl glycerol in the solvent of choice. 2-O-Hexadecyl glycerol is soluble in organic solvents such as ethanol and dimethyl formamide, which should be purged with an inert gas. The solubility of 2-O-hexadecyl glycerol in these solvents is approximately 15 mg/ml.

### Description

2-O-Hexadecyl glycerol is a  $\beta$ -monoglyceride of palmitic acid (Item No. 10006627). It is an intermediate in the metabolism of triacylglycerols or diacylglycerols and an analog of 2-palmitoyl glycerol (Item No. 17882), an endocannabinoid that fails to bind to cannabinoid  $CB_1$  or  $CB_2$  receptors, but rather potentiates the biological effects 2-arachidonoyl glycerol (Item No. 62160).<sup>1</sup>

### Reference

1. Ben-Shabat, S., Frider, E., Sheskin, T., *et al.* An entourage effect: Inactive endogenous fatty acid glycerol esters enhance 2-arachidonoyl-glycerol cannabinoid activity. *Eur. J. Pharmacol.* **353**, 23-31 (1998).

#### 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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