



# 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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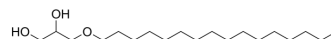
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## 1-O-Hexadecylglycerol

Cat. No.:	HY-W011309
CAS No.:	6145-69-3
Molecular Formula:	C <sub>19</sub> H <sub>40</sub> O <sub>3</sub>
Molecular Weight:	316.53
Target:	PPAR; PGE synthase
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	1-O-Hexadecylglycerol can up-regulate PPAR- $\gamma$ expression, inhibit pGE2, and exhibit anti-inflammatory properties <sup>[1]</sup> . 1-O-Hexadecylglycerol is effective in oral administration <sup>[2]</sup> .
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IC <sub>50</sub> & Target	PPAR- $\gamma$
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### REFERENCES

[1]. Yokota M, et al. Chimyl Alcohol Suppresses PGE2 Synthesis by Human Epidermal Keratinocytes through the Activation of PPAR- $\gamma$ . J Oleo Sci. 2018 Apr 1;67(4):455-462.

[2]. BLOMSTRAND R et al Absorption of chimyl alcohol in man. Proc Soc Exp Biol Med. 1959 Apr;100(4):802-5.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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