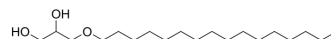


1-O-Hexadecylglycerol

Cat. No.:	HY-W011309
CAS No.:	6145-69-3
Molecular Formula:	C ₁₉ H ₄₀ O ₃
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- γ expression, inhibit pGE2, and exhibit anti-inflammatory properties ^[1] . 1-O-Hexadecylglycerol is effective in oral administration ^[2] .
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IC ₅₀ & Target	PPAR- γ
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REFERENCES

[1]. Yokota M, et al. Chimyl Alcohol Suppresses PGE2 Synthesis by Human Epidermal Keratinocytes through the Activation of PPAR- γ . 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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