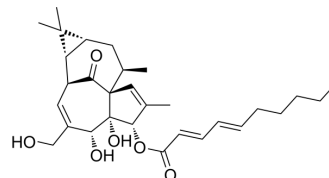


3-O-(2'E,4'E-Decadienoyl)-ingenol

Cat. No.:	HY-N7161
CAS No.:	466663-11-6
Molecular Formula:	C ₃₀ H ₄₂ O ₆
Molecular Weight:	498.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3-O-(2'E,4'E-Decadienoyl)-ingenol is a natural diterpenoid that shows cytotoxicity against human normal cell lines L-O2 and GES-1, with IC ₅₀ s of 8.22 μM and 6.67 μM, respectively ^[1] .	
In Vitro	3-O-(2'E,4'E-Decadienoyl)-ingenol (5-30 μg/mL; 24 hours) shows cytotoxicity against human normal cell lines L-O2 and GES-1 with dose-dependent relationships ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Cytotoxicity Assay ^[1]	
	Cell Line:	L-O2 and GES-1 cells
	Concentration:	5 μg/mL, 10 μg/mL, 15 μg/mL, 20 μg/mL, 25 μg/mL, 30 μg/mL
	Incubation Time:	24 hours
	Result:	Showed cytotoxicity against human normal cell lines L-O2 and GES-1 with dose-dependent relationships.

REFERENCES

[1]. Li Zhang, et al. Bio-guided isolation of the cytotoxic terpenoids from the roots of Euphorbia kansui against human normal cell lines L-O2 and GES-1. Int J Mol Sci. 2012;13(9):11247-11259.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA