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Zuschläge

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- Gefahrgutzuschlag
- Expressversand

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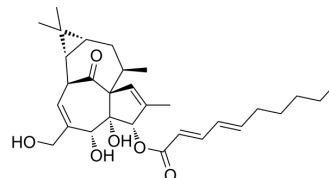
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3-O-(2'E,4'E-Decadienoyl)-ingenol

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	<p>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].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Cytotoxicity Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>L-O2 and GES-1 cells</td> </tr> <tr> <td>Concentration:</td> <td>5 μg/mL, 10 μg/mL, 15 μg/mL, 20 μg/mL, 25 μg/mL, 30 μg/mL</td> </tr> <tr> <td>Incubation Time:</td> <td>24 hours</td> </tr> <tr> <td>Result:</td> <td>Showed cytotoxicity against human normal cell lines L-O2 and GES-1 with dose-dependent relationships.</td> </tr> </table>	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.
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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.

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