



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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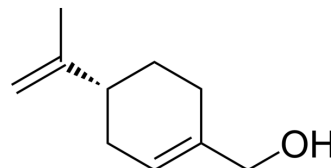
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(+)-Perillyl alcohol

Cat. No.:	HY-W747572
CAS No.:	57717-97-2
Molecular Formula:	C ₁₀ H ₁₆ O
Molecular Weight:	152.23
Target:	Ras
Pathway:	GPCR/G Protein; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(+)-Perillyl alcohol is the enantiomer of S-(-)-Perillyl alcohol (HY-116514). (+)-Perillyl alcohol can inhibit the growth of polypeptides and block the cell cycle in the G0/G1 phase. (+)-Perillyl alcohol induces cell signaling that is associated with changes in cytoskeletal actin organization and reduced protein expression of growth regulatory proteins such as Ras and CDC2 kinase ^[1] .
In Vitro	(+)-Perillyl alcohol (0.25-1 mM) inhibits cell growth in SW480 cells ^[1] . (+)-Perillyl alcohol (1 mM; 24 h) increases the number of G0/G1 cells and decreases the number of S phase cells in SW480 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Cerdá SR, et al. R-(+)-perillyl alcohol-induced cell cycle changes, altered actin cytoskeleton, and decreased ras and p34(cdc2) expression in colonic adenocarcinoma SW480 cells. J Nutr Biochem. 1999 Jan;10(1):19-30.

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

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