



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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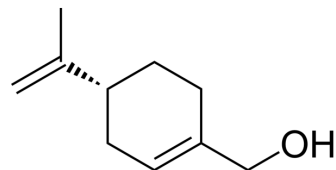
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(+)-Perillyl alcohol

| | |
|--------------------|---|
| 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 G ₀ /G ₁ 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 G ₀ /G ₁ 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]. Cerda 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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