



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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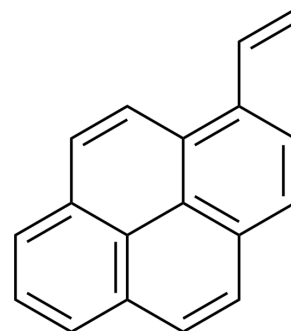
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1-Ethenylpyrene

Cat. No.:	HY-W543743
CAS No.:	17088-21-0
Molecular Formula:	C ₁₈ H ₁₂
Molecular Weight:	228.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1-Ethenylpyrene (1-Vinylpyrene) is an anti-chemical carcinogen that inhibits the formation of skin tumors initiated by either DMBA (HY-W011845) or Benzo[a]pyrene (HY-107377) ^[1] .
In Vivo	Application of 44 nmol of 1-Ethenylpyrene (1-Vinylpyrene) inhibits tumor initiation by 10 nmol of DMBA approximately 30%; application of 4.4 μmol of 1-Ethenylpyrene (1-Vinylpyrene) inhibits tumor initiation by 200 nmol of Benzo[a]pyrene approximately 56% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. W L Alworth, et al. Potent inhibitory effects of suicide inhibitors of P450 isozymes on 7,12-dimethylbenz[a]anthracene and benzo[a]pyrene initiated skin tumors. Carcinogenesis. 1991 Jul;12(7):1209-15.

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

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