



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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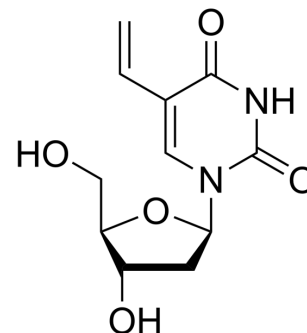
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5-Vinyl-2'-deoxyuridine

Cat. No.:	HY-W190976
CAS No.:	55520-67-7
Molecular Formula:	C ₁₁ H ₁₄ N ₂ O ₅
Molecular Weight:	254.24
Target:	DNA/RNA Synthesis; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Vinyl-2'-deoxyuridine (5-VINYLDURD), a thymidine analogue, is incorporated into cellular DNA during DNA replication. 5-Vinyl-2'-deoxyuridine is a click chemistry reagent, it contains an Alkyne group and induces DNA damage leads to apoptosis in human cultured cells^[1].

REFERENCES

[1]. Yizhu Li, et al. DNA templated Click Chemistry via 5-vinyl-2'-deoxyuridine and an acridine-tetrazine conjugate induces DNA damage and apoptosis in cancer cells. Life Sci. 2023 Oct 1;330:122000.

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

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