



SZABO SCANDIC

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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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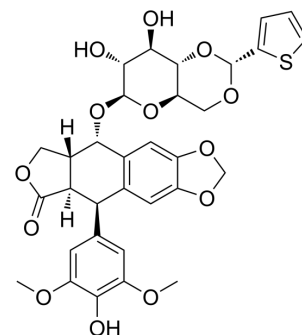
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Teniposide (Standard)

Cat. No.:	HY-13761R
CAS No.:	29767-20-2
Molecular Formula:	C ₃₂ H ₃₂ O ₁₃ S
Molecular Weight:	656.65
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Teniposide (Standard) is the analytical standard of Teniposide. This product is intended for research and analytical applications. Teniposide is a podophyllotoxin derivative, acts as a topoisomerase II inhibitor, and used as a chemotherapeutic agent.
IC ₅₀ & Target	Topoisomerase II ^[2]

REFERENCES

- [1]. Attia SM, et al. Molecular cytogenetic evaluation of the aneugenic effects of teniposide in somatic and germinal cells of male mice. *Mutagenesis*. 2012 Jan;27(1):31-9.
- [2]. Li J, et al. Topoisomerase II trapping agent teniposide induces apoptosis and G2/M or S phase arrest of oral squamous cell carcinoma. *World J Surg Oncol*. 2006 Jul 6;4:41.
- [3]. Sun YC, et al. MiR-181b sensitizes glioma cells to teniposide by targeting MDM2. *BMC Cancer*. 2014 Aug 25;14:611.

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

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