



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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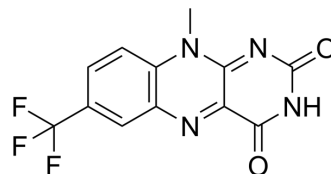
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PLK1-IN-9

Cat. No.:	HY-W276819
CAS No.:	893772-67-3
Molecular Formula:	C ₁₂ H ₇ F ₃ N ₄ O ₂
Molecular Weight:	296.2
Target:	Polo-like Kinase (PLK)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PLK1-IN-9 (Compound M2) is an inhibitor for polo-like kinase 1 (PLK1), that inhibits PLK proteins modified with peptides 1010pT, cdc25c and PBIP, with IC₅₀s of 1.6, 0.8 and 1.4 μM, respectively. PLK1-IN-9 inhibits proliferations of cancer cells HeLa, HL60, SNU387/499, HepG2, exhibits cytotoxicity and induces apoptosis. PLK1-IN-9 inhibits tumor growth in HepG2 xenograft mouse model^[1].

REFERENCES

[1]. Kin K, et al., Pharmaceutical composition for preventing or treating cancer, containing activation inhibitor of plk1 as active ingredient. WO2020111325.

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

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