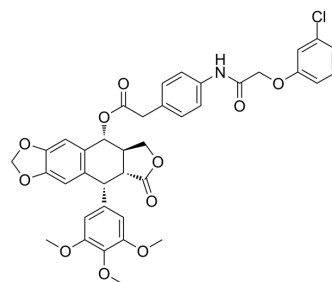


Tubulin/AKT1-IN-1

Cat. No.:	HY-154960
CAS No.:	2988927-63-3
Molecular Formula:	C ₃₈ H ₃₄ ClNO ₁₁
Molecular Weight:	716.13
Target:	Akt; Apoptosis; Microtubule/Tubulin
Pathway:	PI3K/Akt/mTOR; Apoptosis; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tubulin/AKT1-IN-1 (Compound D1-1) is an inhibitor of tubulin polymerization and AKT pathway activation. Tubulin/AKT1-IN-1 significantly inhibits the proliferation and metastasis of H1975 cells and slightly induced their apoptosis and can be used for non-small-cell lung cancer (NSCLC) research ^[1].

REFERENCES

[1]. Lin H, et.al. Modified Podophyllotoxin Phenoxyacetamide Phenylacetate Derivatives: Tubulin/AKT1 Dual-Targeting and Potential Anticancer Agents for Human NSCLC. J Nat Prod. 2023 Jul 28;86(7):1844-1854.

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

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