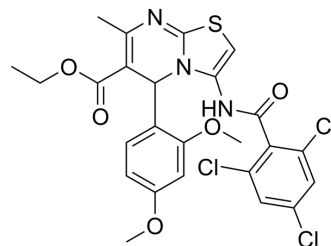


Topoisomerase II inhibitor 17

Cat. No.:	HY-163118
Molecular Formula:	C ₂₅ H ₂₂ Cl ₃ N ₃ O ₅ S
Molecular Weight:	582.88
Target:	Topoisomerase; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Topoisomerase II inhibitor 17 (compound 4c) is an inhibitor of thiazolopyrimidine topoisomerase (Topoisomerase) Top II (IC ₅₀ : 0.23 μM). Topoisomerase II inhibitor 17 can significantly cause cell cycle disruption and apoptosis ^[1] .
IC ₅₀ & Target	Topoisomerase II 0.23 μM (IC ₅₀)

REFERENCES

[1]. El-Zoghbi MS, et al. Design, synthesis, docking, and anticancer evaluations of new thiazolo[3,2-a] pyrimidines as topoisomerase II inhibitors. J Enzyme Inhib Med Chem. 2023 Dec;38(1):2175209.

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

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