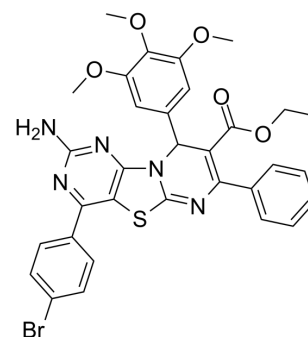


Topoisomerase II inhibitor 7

Cat. No.:	HY-146163
CAS No.:	2697171-03-0
Molecular Formula:	C ₃₂ H ₂₈ BrN ₅ O ₃ S
Molecular Weight:	674.56
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 7 (compound 3a) is a potent inhibitor of topoisomerase II alpha subtype, with an IC ₅₀ of 3.19 μM. Topoisomerase II inhibitor 7 can induce cell cycle arrest and apoptosis ^[1] .
IC ₅₀ & Target	topoisomerase II alpha 3.19 μM (IC ₅₀)

REFERENCES

[1]. Nemr MTM, et, al. Design, synthesis and antiproliferative evaluation of new tricyclic fused thiazolopyrimidines targeting topoisomerase II: Molecular docking and apoptosis inducing activity. Bioorg Chem. 2020 Dec;105:104446.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA