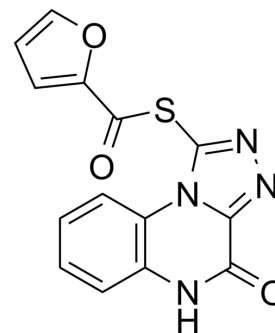


Topoisomerase II inhibitor 8

Cat. No.:	HY-146188
CAS No.:	2493298-68-1
Molecular Formula:	C ₁₄ H ₈ N ₄ O ₃ S
Molecular Weight:	312.3
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Topoisomerase II inhibitor 8 (compound 22) is a potent topoisomerase II inhibitor, with an IC ₅₀ of 0.52 μM. Topoisomerase II inhibitor 8 exhibits good anti-proliferative activities and can arrest the cell cycle at G2/M phase ^[1] .
IC ₅₀ & Target	Topoisomerase II 0.52 μM (IC ₅₀)

REFERENCES

[1]. Abbass EM, et, al. Design, efficient synthesis, docking studies, and anticancer evaluation of new quinoxalines as potential intercalative Topo II inhibitors and apoptosis inducers. *Bioorg Chem.* 2020 Nov;104:104255.

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

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