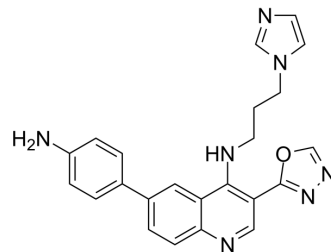


Topoisomerase I inhibitor 6

Cat. No.:	HY-146437
CAS No.:	2393082-56-7
Molecular Formula:	C ₂₃ H ₂₁ N ₇ O
Molecular Weight:	411.46
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 I inhibitor 6 (Compound 3) is a potent inhibitor of Topoisomerase I. Topoisomerase I inhibitor 6 is able to trap DNA-Top1 cleavage complex and found to be less cytotoxic in non-cancerous cell line. Topoisomerase I inhibitor 6 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. Kundu B, et al. Development of a metabolically stable topoisomerase I poison as anticancer agent. *Eur J Med Chem.* 2020 Sep 15;202:112551. doi: 10.1016/j.ejmech.2020.112551.

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