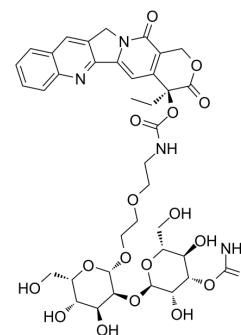


Antitumor agent-63

Cat. No.:	HY-146094
CAS No.:	1627600-90-1
Molecular Formula:	C ₃₈ H ₄₆ N ₄ O ₁₈
Molecular Weight:	846.79
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-63 (Compound 40), a 20 (S)-O-linked camptothecin (CPT) glycoconjugate, is an antitumor agent without toxicity towards normal cells. Antitumor agent-63 shows high stability and very weak direct topoisomerase I (Topo I) inhibition ^[1] .
IC₅₀ & Target	Top1
In Vitro	Antitumor agent-63 (Compound 40) shows cytotoxicity activities with IC ₅₀ values of 1.2, 0.8, 30.5 and >100 μM against HepG2, HCT-116, SW1990 and HEK-293, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li M, et al. Oligosaccharide-camptothecin conjugates as potential antineoplastic drugs: Design, synthesis and biological evaluation. *Eur J Med Chem.* 2020 Sep 15;202:112509.

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