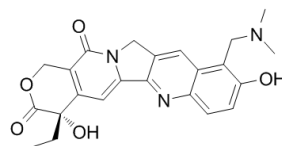


Product Name	: Topotecan
Synonyms	: SKF 104864A NSC 609669
Cat No.	: M20386
CAS Number	: 123948-87-8
Molecular Formula	: C ₂₃ H ₂₃ N ₃ O ₅
Formula Weight	: 421.45
Chemical Name	: —
Description	: Topotecan is a Topoisomerase I inhibitor and is an antineoplastic agent used to treat ovarian cancer that works by inhibiting DNA topoisomerases.
Pathway	: Cell Cycle/DNA Damage
Target	: Topoisomerase
Receptor	: Eukaryotic topoisomerase I
Solubility	: DMSO: 84 mg/mL (199.31 mM)
SMILES	: <chem>CC1(C)OC(=O)C2=CC(=C(C=C2)N3C4=CC(=C(C=C4)N(C)C)C5=CC=CC=C5N3C6=CC=CC=C6C1=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Feng-Lei Z Ping W Yun-Hui L et al. Topoisomerase I Inhibitors Shikonin and Topotecan Inhibit Growth and Induce Apoptosis of Glioma Cells and Glioma Stem Cells[J]. PLoS ONE 2013 8(11):e81815-.