

Product Name	: DNA2 inhibitor C5
Synonyms	: —
Cat No.	: M24317
CAS Number	: 35973-25-2
Molecular Formula	: C ₁₀ H ₆ N ₂ O ₅
Formula Weight	: 234.2
Chemical Name	: —
Description	DNA2 inhibitor C5 is a promising lead compound to develop sensitizers for cancer chemotherapeutics that cause replication stress and it also is a competitive and specific inhibitor of DNA2 nuclease activity (IC ₅₀ : 20 μM). DNA2 inhibitor C5 inhibits nuclease, DNA dependent ATPase, helicase, and DNA binding activities of DNA2.
Pathway	: Others
Target	: Other Targets
Receptor	: DNA2 nuclease
Solubility	: DMSO:31.25 mg/mL (133.45 mM; Need ultrasonic)
SMILES	: <chem>O=C(C1=C(O)C2=CC=CC([N+])([O-])=O)=C2N=C1)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Binghui Shen, et al. Dna2 inhibitors for cancer treatment. US20170226063A1.