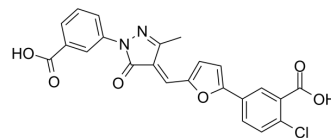


TDRL-X80

Cat. No.:	HY-139038
CAS No.:	292065-64-6
Molecular Formula:	C ₂₃ H ₁₅ ClN ₂ O ₆
Molecular Weight:	450.83
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TDRL-X80 is a potent inhibitor of xeroderma pigmentosum group A (XPA) protein. TDRL-X80 inhibits XPA's DNA binding activity. TDRL-X80 exhibits activity against single, double, and Cisplatin-damaged DNA with IC₅₀s of 18, 20, and 29 μM in fluorescence polarization (FP) analyses, and with IC₅₀s of 21, 39, and 28 in ELISA Analysis^[1].

REFERENCES

[1]. Tracy M Neher, et al. Identification of novel small molecule inhibitors of the XPA protein using in silico based screening. *ACS Chem Biol*. 2010 Oct 15;5(10):953-65.

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