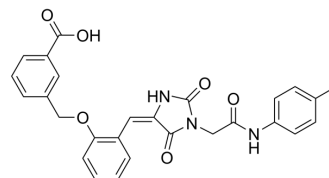


WRN inhibitor 7

Cat. No.:	HY-161386
CAS No.:	444780-45-4
Molecular Formula:	C ₂₇ H ₂₃ N ₃ O ₆
Molecular Weight:	485.49
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

WRN inhibitor 7 (Compound h6) is a WRN inhibitor. WRN inhibitor 7 effectively inhibits WRN's helicase and ATPase activity (IC₅₀: 9.8 μM and 15.8 μM respectively). WRN inhibitor 7 can be used for research of microsatellite instable (MSI) cancers^[1].

REFERENCES

[1]. Yuan H, et al. Targeting ATP-binding site of WRN Helicase: Identification of novel inhibitors through pocket analysis and Molecular Dynamics-Enhanced virtual screening. *Bioorg Med Chem Lett*. 2024 May 15;104:129711.

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