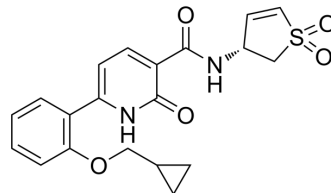


WRN inhibitor 3

Cat. No.:	HY-156579		
CAS No.:	2923009-48-5		
Molecular Formula:	C ₂₀ H ₂₀ N ₂ O ₅ S		
Molecular Weight:	400.45		
Target:	DNA/RNA Synthesis		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (249.72 mM; Need ultrasonic)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	2.4972 mL	12.4860 mL	24.9719 mL
	5 mM	0.4994 mL	2.4972 mL	4.9944 mL
	10 mM	0.2497 mL	1.2486 mL	2.4972 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.24 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	WRN inhibitor 3 (example 110), a cyclic vinyl sulfone compound, is a Wemer Syndrome ATP dependent helicase enzyme (WRN) inhibitor. WRN inhibitor 3 can be used for the research of cancer ^[1] .
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REFERENCES

[1]. Ashley ADAMS, et al. Cyclic vinyl sulfone compounds as wrn inhibitors. Patent. WO2023062575 A1.

[2]. Ashley ADAMS, et al. Cyclic vinyl sulfone compounds as wrn inhibitors. Patent. WO2023062575 A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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