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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

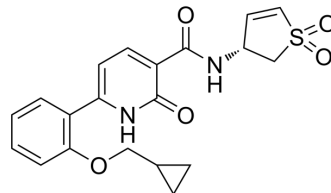
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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	1 mM	2.4972 mL	12.4860 mL
		5 mM	0.4994 mL	2.4972 mL
		10 mM	0.2497 mL	1.2486 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.

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