



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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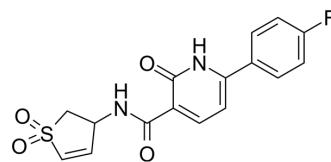
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## WRN inhibitor 1

<b>Cat. No.:</b>	HY-153692
<b>CAS No.:</b>	2923008-44-8
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>4</sub> S
<b>Molecular Weight:</b>	348.35
<b>Target:</b>	DNA/RNA Synthesis
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 130 mg/mL (373.19 mM)

\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.8707 mL	14.3534 mL	28.7068 mL
	5 mM	0.5741 mL	2.8707 mL	5.7414 mL
	10 mM	0.2871 mL	1.4353 mL	2.8707 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 3.25 mg/mL (9.33 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

WRN inhibitor 1 (example 7) is a Werner Syndrome ATP dependent helicase enzyme (WRN) inhibitor that inhibits WRN helicase domain activity. WRN inhibitor 1 has the potential to study cancer<sup>[1]</sup>.

### REFERENCES

[1]. Ashely, et al. Cyclic vinyl sulfone compounds as wrn inhibitors. WIPO. 2023-04-20.

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

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