



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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

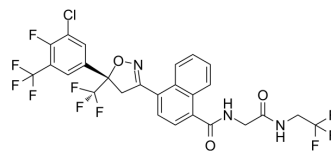
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Umifoxolaner

<b>Cat. No.:</b>	HY-139587
<b>CAS No.:</b>	2021230-37-3
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>16</sub> ClF <sub>10</sub> N <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	643.86
<b>Target:</b>	Parasite
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (155.31 mM; Need ultrasonic)																			
<b>Preparing Stock Solutions</b>	<table border="1"> <thead> <tr> <th rowspan="2">Solvent \ Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>1.5531 mL</td> <td>7.7657 mL</td> <td>15.5313 mL</td> </tr> <tr> <td>5 mM</td> <td>0.3106 mL</td> <td>1.5531 mL</td> <td>3.1063 mL</td> </tr> <tr> <td>10 mM</td> <td>0.1553 mL</td> <td>0.7766 mL</td> <td>1.5531 mL</td> </tr> </tbody> </table>	Solvent \ Concentration	Mass			1 mg	5 mg	10 mg	1 mM	1.5531 mL	7.7657 mL	15.5313 mL	5 mM	0.3106 mL	1.5531 mL	3.1063 mL	10 mM	0.1553 mL	0.7766 mL	1.5531 mL
	Solvent \ Concentration		Mass																	
		1 mg	5 mg	10 mg																
	1 mM	1.5531 mL	7.7657 mL	15.5313 mL																
5 mM	0.3106 mL	1.5531 mL	3.1063 mL																	
10 mM	0.1553 mL	0.7766 mL	1.5531 mL																	
Please refer to the solubility information to select the appropriate solvent.																				
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.88 mM); Clear solution																			

### BIOLOGICAL ACTIVITY

<b>Description</b>	Umifoxolaner is an anti-parasitic agent (veterinary).
--------------------	---

### REFERENCES

[1]. Cady, Susan Mancini; Cheifetz, Peter; Galeska, Izabela; Le Hir de Fallois, Loic. Long-acting injectable formulations comprising isoxazoline for prevention and treatment of parasitic infections. WO2016164487A1.

---

**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA