



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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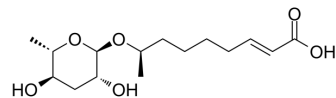
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## Ascr#3

Cat. No.:	HY-N6977
CAS No.:	946524-26-1
Molecular Formula:	C <sub>15</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	302.36
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (661.46 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	1 mg	5 mg	10 mg
		1 mM	3.3073 mL	16.5366 mL	33.0732 mL
		5 mM	0.6615 mL	3.3073 mL	6.6146 mL
		10 mM	0.3307 mL	1.6537 mL	3.3073 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: ≥ 5 mg/mL (16.54 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (16.54 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (16.54 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Ascr#3 is an ascaroside isolated from <i>Caenorhabditis elegans</i> , acts a potent male attractant, and also promotes dauer formation combined with ascr#2 at low concentration <sup>[1]</sup> .
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### REFERENCES

[1]. Srinivasan J, et al. A blend of small molecules regulates both mating and development in *Caenorhabditis elegans*. *Nature*. 2008 Aug 28;454(7208):1115-8.

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

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