



# 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

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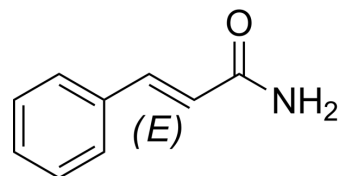
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## (E)-Cinnamamide

Cat. No.:	HY-W067479		
CAS No.:	22031-64-7		
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> NO		
Molecular Weight:	147.18		
Target:	Insecticide		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (679.45 mM; Need ultrasonic)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		6.7945 mL	33.9727 mL	67.9454 mL
		<b>5 mM</b>		1.3589 mL	6.7945 mL	13.5891 mL
<b>10 mM</b>		0.6795 mL	3.3973 mL	6.7945 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (16.99 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.99 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.99 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	(E)-Cinnamamide, the less active isomer of Cinnamamide. Cinnamamide, a derivative of the plant secondary compound Cinnamic acid. Cinnamamide is effective as a non-lethal chemical repellent suitable for reducing avian pest damage <sup>[1]</sup> .
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### REFERENCES

[1]. Richard W. Watkins, et al. Evaluation of cinnamamide as an avian repellent: Determination of a dose—response curve.

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

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