



# 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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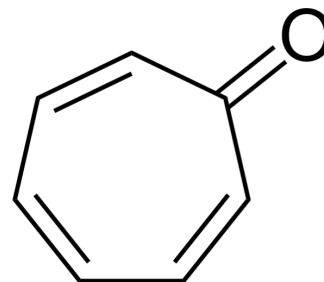
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## Tropone

<b>Cat. No.:</b>	HY-W035904		
<b>CAS No.:</b>	539-80-0		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>6</sub> O		
<b>Molecular Weight:</b>	106.12		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Pure form	-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 (942.33 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
<b>1 mM</b>	9.4233 mL	47.1165 mL	94.2329 mL
<b>5 mM</b>	1.8847 mL	9.4233 mL	18.8466 mL
<b>10 mM</b>	0.9423 mL	4.7116 mL	9.4233 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (23.56 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (23.56 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Tropone is a building block in the chemical synthesis<sup>[1]</sup>.

### REFERENCES

[1]. Ying Duan, et al. Bacterial Tropone Natural Products and Derivatives: Overview of their Biosynthesis, Bioactivities, Ecological Role and Biotechnological Potential. *Chembiochem*. 2020 Sep 1;21(17):2384-2407.

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

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