



# 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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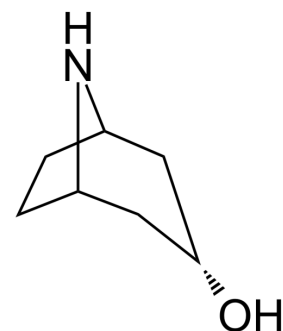
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## Nortropine

<b>Cat. No.:</b>	HY-W018601		
<b>CAS No.:</b>	538-09-0		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>13</sub> NO		
<b>Molecular Weight:</b>	127.18		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 33.33 mg/mL (262.07 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	7.8629 mL	39.3144 mL	78.6287 mL
	5 mM	1.5726 mL	7.8629 mL	15.7257 mL
	10 mM	0.7863 mL	3.9314 mL	7.8629 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 (19.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (19.66 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Nortropine (Nortropenol), isolated from the total alkaloids of *Convolvulus subhirsutus*, is an intermediate in tropine breakdown and reactions leading to succinate<sup>[1]</sup>.

### REFERENCES

[1]. Bartholomew BA, et al. Atropine Metabolism by *Pseudomonas* sp. Strain AT3: Evidence for Nortropine as an Intermediate in Tropine Breakdown and Reactions Leading to Succinate. *Appl Environ Microbiol.* 1996 Sep;62(9):3245-50.

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

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