



# 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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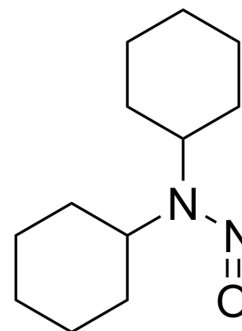
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## N-Nitrosodicyclohexylamine

Cat. No.:	HY-W653723	
CAS No.:	947-92-2	
Molecular Formula:	C <sub>12</sub> H <sub>22</sub> N <sub>2</sub> O	
Molecular Weight:	210.32	
Target:	Androgen Receptor	
Pathway:	Vitamin D Related/Nuclear Receptor	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (237.73 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	4.7547 mL	23.7733 mL	47.5466 mL
			5 mM	0.9509 mL	4.7547 mL	9.5093 mL
10 mM	0.4755 mL	2.3773 mL	4.7547 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.89 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	N-Nitrosodicyclohexylamine (NDCHA) is a N-nitrosocompound with anti-androgenic activities. N-Nitrosodicyclohexylamine shows the competitive binding to androgen receptor (AR) against 5 $\alpha$ -dihydrotestosterone and decreased the level of AR protein <sup>[1]</sup> .
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### REFERENCES

[1]. Hari, Sayaka, et al. (2006). Anti-Androgenic Activity of N-Nitrosodibenzylamine, N-Nitrosodiphenylamine and N-Nitrosodicyclohexylamine. JOURNAL OF HEALTH SCIENCE, 52(5), 522-531.

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

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