



# 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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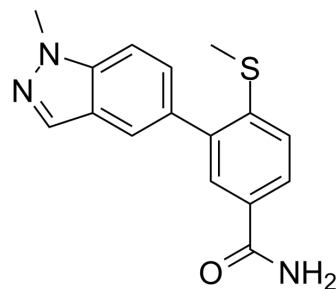
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## Androgen receptor-IN-6

<b>Cat. No.:</b>	HY-155478		
<b>CAS No.:</b>	3016437-05-8		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>15</sub> N <sub>3</sub> OS		
<b>Molecular Weight:</b>	297.37		
<b>Target:</b>	Androgen Receptor		
<b>Pathway:</b>	Vitamin D Related/Nuclear Receptor		
<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 : 50 mg/mL (168.14 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.3628 mL	16.8141 mL	33.6281 mL
	5 mM		0.6726 mL	3.3628 mL	6.7256 mL
	10 mM		0.3363 mL	1.6814 mL	3.3628 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 (8.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (8.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (8.41 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Androgen receptor-IN-6 (compound 16) is an orally available androgen receptor (Androgen Receptor) potent inhibitor (IC<sub>50</sub> = 0.12 μM in vitro), targeting the disordered N-terminal domain (NTD). Androgen receptor-IN-6 has good Caco2 cell membrane permeability and has an oral activity (F/%) of 16% in male CD-1 mice<sup>[1]</sup>.

### REFERENCES

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

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