



# 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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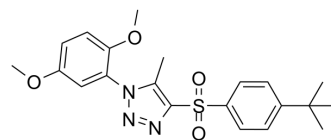
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## SPA70

Cat. No.:	HY-124830		
CAS No.:	931314-31-7		
Molecular Formula:	C <sub>21</sub> H <sub>25</sub> N <sub>3</sub> O <sub>4</sub> S		
Molecular Weight:	415.51		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 40 mg/mL (96.27 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4067 mL	12.0334 mL	24.0668 mL
5 mM	0.4813 mL	2.4067 mL	4.8134 mL
10 mM	0.2407 mL	1.2033 mL	2.4067 mL

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

## BIOLOGICAL ACTIVITY

### Description

SPA70 is a potent and selective antagonist of human pregnane X receptor (hPXR), with an IC<sub>50</sub> of 540 nM (K<sub>i</sub>=390 nM). SPA70 can enhance the chemosensitivity of cancer cells<sup>[1]</sup>.

### IC<sub>50</sub> & Target

IC<sub>50</sub>: 540 nM (hPXR)<sup>[1]</sup>

## REFERENCES

[1]. Lin W, et, al. SPA70 is a potent antagonist of human pregnane X receptor. Nat Commun. 2017 Sep 29;8(1):741.

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

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