



# 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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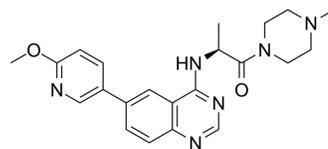
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## PI3Kδ-IN-16

Cat. No.:	HY-155232
CAS No.:	2766437-35-6
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	406.48
Target:	PI3K; Apoptosis
Pathway:	PI3K/Akt/mTOR; Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 76.92 mg/mL (189.23 mM); ultrasonic and adjust pH to 7 with 1 M HCL				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.4601 mL	12.3007 mL	24.6015 mL
		5 mM	0.4920 mL	2.4601 mL	4.9203 mL
		10 mM	0.2460 mL	1.2301 mL	2.4601 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	PI3Kδ-IN-16 is a potent and selective inhibitor of PI3Kδ. PI3Kδ-IN-16 has a strong anti-proliferative effect on cells, causing cell cycle arrest and inducing apoptosis <sup>[1]</sup> .
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### REFERENCES

[1]. Lei H, et al. Discovery of potent and selective PI3Kδ inhibitors bearing amino acid fragments. *Bioorg Chem.* 2023 Sep;138:106594.

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

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