



# 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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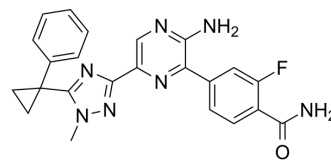
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## PI3Kδ-IN-5

Cat. No.:	HY-122593		
CAS No.:	2088525-31-7		
Molecular Formula:	C <sub>23</sub> H <sub>20</sub> FN <sub>7</sub> O		
Molecular Weight:	429.45		
Target:	PI3K		
Pathway:	PI3K/Akt/mTOR		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 41.67 mg/mL (97.03 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3286 mL	11.6428 mL	23.2856 mL
	5 mM	0.4657 mL	2.3286 mL	4.6571 mL
	10 mM	0.2329 mL	1.1643 mL	2.3286 mL

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

### BIOLOGICAL ACTIVITY

#### Description

PI3Kδ-IN-5 (compound 7n) is a highly potent and selective inhibitor of PI3Kδ with an IC<sub>50</sub> of 0.9 nM<sup>[1]</sup>.

### REFERENCES

[1]. Terstiege I, et al. Discovery of triazole aminopyrazines as a highly potent and selective series of PI3Kδ inhibitors. *Bioorg Med Chem Lett*. 2017;27(3):679-687.

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

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