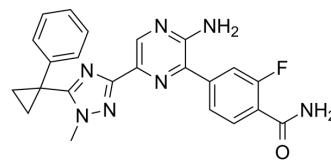


PI3Kδ-IN-5

Cat. No.:	HY-122593		
CAS No.:	2088525-31-7		
Molecular Formula:	C ₂₃ H ₂₀ FN ₇ 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	Mass		
	1 mg	5 mg	10 mg
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 IC₅₀ of 0.9 nM^[1].

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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