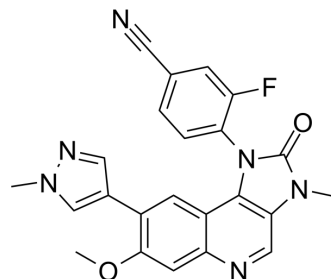


DNA-PK-IN-11

Cat. No.:	HY-160096		
CAS No.:	1360628-91-6		
Molecular Formula:	C ₂₃ H ₁₇ FN ₆ O ₂		
Molecular Weight:	428.42		
Target:	DNA-PK		
Pathway:	Cell Cycle/DNA Damage; 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 : 5 mg/mL (11.67 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3342 mL	11.6708 mL	23.3416 mL
	5 mM	0.4668 mL	2.3342 mL	4.6683 mL
	10 mM	0.2334 mL	1.1671 mL	2.3342 mL

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

BIOLOGICAL ACTIVITY

Description

DNA-PK-IN-11 is a DNA-PK inhibitor with an IC₅₀ of <0.1 μM (DE102010035744A1; compound 36)^[1].

REFERENCES

[1]. Dr. Fuchss Thomas, et al. Imidazolonylcholine. DE102010035744A1.

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

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