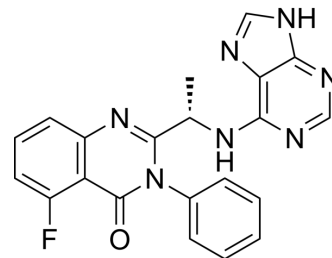


PI3Kδ-IN-15

Cat. No.:	HY-108418
CAS No.:	870281-17-7
Molecular Formula:	C ₂₁ H ₁₆ FN ₇ O
Molecular Weight:	401.4
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



BIOLOGICAL ACTIVITY

Description	PI3Kδ-IN-15 (compound 6b) is a selective PI3Kδ inhibitor with an IC ₅₀ of 0.5 nM for p110δ. PI3Kδ-IN-15 inhibits PI3Kδ with >30-fold higher potency than PI3Kγ, PI3Kβ, and PI3Kα ^[1] .			
IC₅₀ & Target	p110δ 0.5 nM (IC ₅₀)	p110γ 15.3 nM (IC ₅₀)	p110β 145 nM (IC ₅₀)	p110α 152 nM (IC ₅₀)

REFERENCES

[1]. Yeon Su Kim, et al. Synthesis and biological evaluation of novel purinyl quinazolinone derivatives as PI3Kδ-specific inhibitors for the treatment of hematologic malignancies. *Bioorg Med Chem.* 2021 Sep 1;45:116312.

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

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