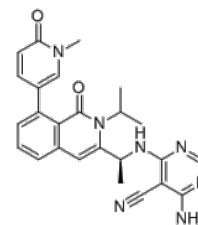


Product Name : IPI-3063
Cat. No. : PC-60565
CAS No. : 1425043-73-7
Molecular Formula : C₂₅H₂₅N₇O₂
Molecular Weight : 455.522
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

IPI-3063 is a potent, and selective **p110δ** PI3K inhibitor with IC₅₀ of 0.1 nM in cell-based assays.

IPI-3063 displays >100-fold selectivity over p110α, p110β and p110γ.

IPI-3063 potently reduces mouse B cell proliferation, survival, and plasmablast differentiation while increasing antibody class switching to IgG1.

IPI-3063 potently inhibits human B cell proliferation in vitro at 10 nM, but not the p110γ selective inhibitor AS-252424.

References

Chiu H, et al. *Front Immunol.* 2017 Jun 30;8:747.

Winkler DG, et al. *Chem Biol.* 2013 Nov 21;20(11):1364-74.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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