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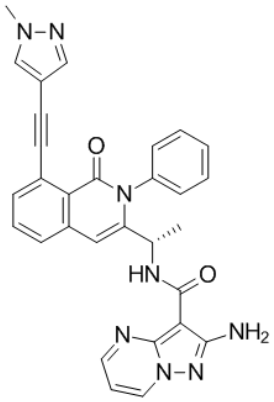
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	IPI-549
Cat. No.	:	PC-42233
CAS No.	:	1693758-51-8
Molecular Formula	:	$C_{30}H_{24}N_8O_2$
Molecular Weight	:	528.564
Target	:	PI3K
Solubility	:	DMSO: 15 mg/mL



Biological Activity

Eganelisib (IPI-549) is a potent, highly selective, orally active inhibitor of **PI3Kγ** with IC50 of 16 nM, displays >100-fold selectivity over other lipid and protein kinases (PI3Kα IC50=3.2 uM, PI3Kβ IC50=3.5 uM, PI3Kδ IC50>8.4 uM).
Eganelisib (IPI-549) demonstrates excellent PI3Kγ potency (IC50=1.2 nM) and selectivity against other Class I PI3K isoforms (>146-fold) in cellular phospho-AKT assays, dose dependently inhibits PI3Kγ dependent bone marrow-derived macrophage (BMDM) migration.
Eganelisib (IPI-549) demonstrates favorable pharmacokinetic properties and robust inhibition of PI3K-γ mediated neutrophil migration in vivo.

References

Evans CA, et al. ***ACS Med Chem Lett.*** 2016 Jul 22;7(9):862-7.

De Henau O, et al. ***Nature.*** 2016 Nov 17;539(7629):443-447.

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

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