Data Sheet

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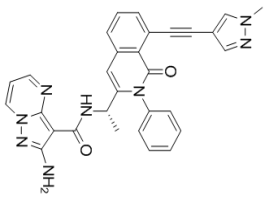
Product Name	:IPI-549
Cat.No.	:URK-V596
CAS No.	:1693758-51-8
Molecular Formula	:C30H24N8O2
Molecular Weight	:528.564
Target	:PI3K
Solubility	:15mM in DMSO



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

1. Evans CA, et al. ACS Med Chem Lett. 2016 Jul 22;7(9):862-7.
2. De Henau O, et al. Nature. 2016 Nov 17;539(7629):443-447.

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