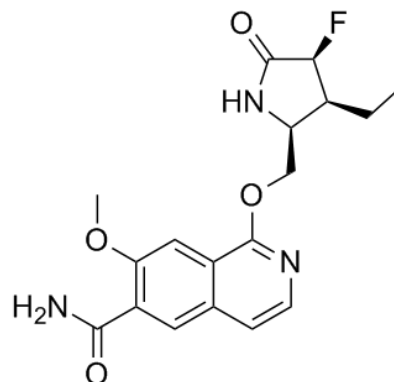


Product Name : PF-06650833
Cat. No. : PC-45740
CAS No. : 1817626-54-2
Molecular Formula : C₁₈H₂₀FN₃O₄
Molecular Weight : 361.3675
Target : IRAK
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

Zimlovisertib (PF-06650833) is a potent and selective **IRAK4** inhibitor with IC₅₀ of 0.2 nM.
Zimlovisertib (PF-06650833) has IC₅₀ of 2 nM in the PBMC assay as well as in a human whole blood assay.
Zimlovisertib (PF-06650833) shows excellent kinase selectivity in a panel of 278 kinases.
Zimlovisertib (PF-06650833) significantly inhibits LPS-induced TNFα in a dose dependent manner in rats model (0.3-30 mg/kg).
Zimlovisertib (PF-06650833) has favorable in vitro and in vivo ADME profiles and orally active.

References

Lee KL, et al. *J Med Chem*. 2017 Jul 13;60(13):5521-5542.
Seganish WM. *Expert Opin Ther Pat*. 2016 Aug;26(8):917-32.

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

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