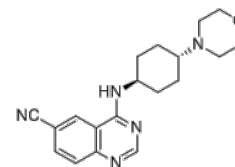


Product Name : IRAK4 inhibitor 23
Cat. No. : PC-61623
CAS No. : 1820787-94-7
Molecular Formula : C₁₉H₂₃N₅O
Molecular Weight : 337.427
Target : IRAK
Solubility : 10 mM in DMSO



Biological Activity

IRAK4 inhibitor 23 is a potent, selective, orally bioavailable **IRAK4** inhibitor with IC₅₀ of 7 nM.
IRAK4 inhibitor 23 inhibits R848 (TLR7 agonist) stimulated cytokine release in hPBMC with IC₅₀ of 300 nM.
IRAK4 inhibitor 23 exhibits excellent pharmacokinetic profile and kinase selectivity (99%).
IRAK4 inhibitor 23 demonstrates activity in vivo via oral dosing in TLR7 driven model of inflammation.

References

Smith GF, et al. *Bioorg Med Chem Lett*. 2017 Jun 15;27(12):2721-2726.

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

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