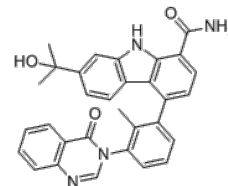


Product Name : BMS-935177
Cat. No. : PC-61491
CAS No. : 1231889-53-4
Molecular Formula : C₃₁H₂₆N₄O₃
Molecular Weight : 502.574
Target : BTK
Solubility : 10 mM in DMSO



Biological Activity

BMS-935177 is a potent and selective, orally bioavailable, reversible **BTK** inhibitor with IC₅₀ of 2.8 nM.

BMS-935177 displays 5-67-fold selectivity over Tec family kinases, 7-fold selectivity over BLK, and 56-fold over Lck in panel of 384 kinases.

BMS-935177 effectively inhibits TNF α production in PBMCs (IC₅₀=14 nM), inhibits CD69 surface expression in human and mouse whole blood (IC₅₀=0.55 and 2.06 μ M, respectively).

BMS-935177 shows profound efficacy in the CAIA and CIA models of arthritis.

References

De Lucca GV, et al. *J Med Chem*. 2016 Sep 8;59(17):7915-35.

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

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