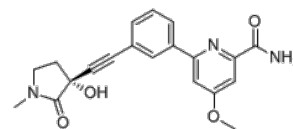


Product Name : NIK SMI1
Cat. No. : PC-62514
CAS No. : 1660114-31-7
Molecular Formula : C₂₀H₁₉N₃O₄
Molecular Weight : 365.389
Target : NF-κB inducing Kinase (NIK)
Solubility :



Biological Activity

NIK SMI1 is a potent, selective small molecule inhibitor of **NF-κB inducing kinase (NIK)** with K_i of 230 ± 170 pM; only inhibits 3 out of 222 off-target kinases (KHS1, LRRK2, and PKD1) with >75% inhibition at 1 μM; potently inhibits anti-LTβR-induced nuclear p52 levels in anti-LTβR-stimulated HeLa cells, with no effect on canonical signaling; inhibits BAFF and CD40 signaling, suppresses immune responses in vivo; suppresses disease biomarkers and improves survival and renal function in NZB/W F1 mice.

References

Brightbill HD, et al. *Nat Commun.* 2018 Jan 12;9(1):179.

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

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