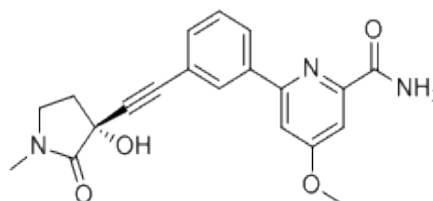


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : NIK SMI1
Cat.No. : URK-V954
CAS No. : 1660114-31-7
Molecular Formula : $C_{20}H_{19}N_3O_4$
Molecular Weight : 365.389
Target : NIK
Solubility :



Biological Activity

NIK SMI1 is a potent, selective small molecule inhibitor of NF- κ B inducing kinase (NIK) with K_i of 230 ± 170 pM.

NIK SMI1 only inhibits 3 out of 222 off-target kinases (KHS1, LRRK2, and PKD1) with >75% inhibition at 1 μ M.

NIK SMI1 potently inhibits anti-LT β R-induced nuclear p52 levels in anti-LT β R-stimulated HeLa cells, with no effect on canonical signaling.

NIK SMI1 inhibits BAFF and CD40 signaling, suppresses immune responses in vivo.

NIK SMI1 suppresses disease biomarkers and improves survival and renal function in NZB/W F1 mice.

References

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

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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