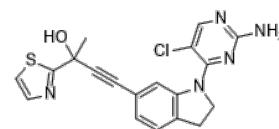


Product Name : B022
Cat. No. : PC-22722
CAS No. : 1202764-53-1
Molecular Formula : C₁₉H₁₆ClN₅OS
Molecular Weight : 397.88
Target : NF-κB inducing Kinase (NIK)
Solubility : 10 mM in DMSO



CAS: 1202764-53-1

Biological Activity

B022 is a potent, small-molecule inhibitor of NF-κB-inducing kinase (**NIK**) with Ki/IC₅₀ of 4.2/15.1 nM, respectively. B022 inhibited the NIK signaling pathway, including NIK-induced p100-to-p52 processing and inflammatory gene expression, both in vitro and in vivo.

B022 protected against not only NIK but also CCl₄-induced liver inflammation and injury.

B022 prevents NIK- or H(2)O(2)-induced beta cell death and also reduces streptozotocin (STZ)-induced beta cell death.

References

Ren X, et al. FASEB J. 2017 Feb;31(2):711-718.

Li X, et al. Mol Ther. 2020 Nov 4;28(11):2430-2441.

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

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