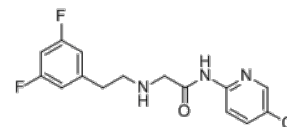


Product Name : SR12460
Cat. No. : PC-35770
CAS No. : 2055101-66-9
Molecular Formula : C₁₅H₁₄ClF₂N₃O
Molecular Weight : 325.744
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

SR12460 (SR-12460) is a novel NF-κB essential modulator (NEMO)-binding domain (NBD) mimetic for inhibiting IKK/NF-κB activation, inhibits TNF-α-mediated **NF-κB** activation with IC₅₀ of 20.24 μM.

SR12460 inhibits lipopolysaccharide (LPS)-induced NF-κB activation by blocking the interaction between IKKβ and NEMO. SR12460 suppresses LPS-induced acute pulmonary inflammation in mice without overt liver toxicity.

References

Zhao J, et al. *PLoS Biol.* 2018 Jun 11;16(6):e2004663.

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

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