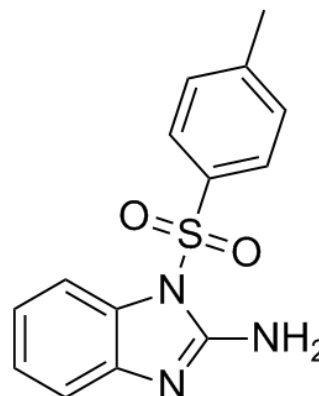


Product Name : Nodinitib-1
Cat. No. : PC-45499
CAS No. : 799264-47-4
Molecular Formula : C₁₄H₁₃N₃O₂S
Molecular Weight : 287.3369
Target : NOD-like Receptor (NLR)
Solubility : DMSO: 20 mg/mL



Biological Activity

Nodinitib-1 (ML130, Noditinib 1) is a potent and selective **NOD1** inhibitor with IC₅₀ of 0.56 μM.

Nodinitib-1 (ML130) shows no inhibition on NOD1, TNFα (IC₅₀> 20 μM) and dIKKγ/NEMO, MYD88, FLIP, CARD6, APAF1 or NLRC4.

Nodinitib-1 (ML130) inhibits IL-8 production induced by NOD1 ligand and γ-tri-DAP-induced expression of the prototypical NF-κB target gene IκBα at the mRNA level.

References

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Khan PM, et al. *ACS Med Chem Lett*. 2011 Oct 13;2(10):780-785.

Zheng W, et al. *Biochem Biophys Res Commun*. 2012 Apr 20;420(4):762-7.

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

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