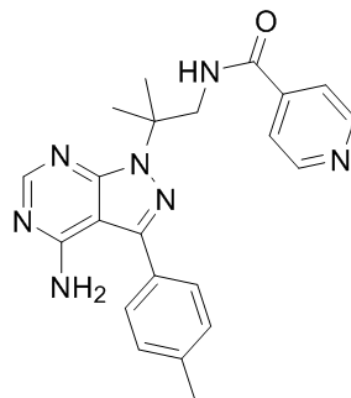


Product Name : WEHI-345
Cat. No. : PC-45564
CAS No. : 1354825-58-3
Molecular Formula : C₂₂H₂₃N₇O
Molecular Weight : 401.4643
Target : RIP kinase
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

WEHI-345 is a potent and selective **RIPK2** inhibitor with IC₅₀/K_d of 130/46 nM.

WEHI-345 displays negligible activity (>10 μM) against RIPK1, RIPK4 and RIPK5.

WEHI-345 delays RIPK2 ubiquitylation and NF-κB activation downstream of NOD engagement.

WEHI-345 prevents cytokine production in vitro and in vivo and ameliorates experimental autoimmune encephalomyelitis in mice.

References

Nachbur U, et al. *Nat Commun.* 2015 Mar 17;6:6442.

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

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