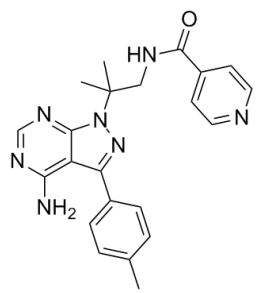


Product Name	: WEHI-345	
Synonyms	: WEHI-345; WEHI345; WEHI 345	
Cat No.	: M11450	
CAS Number	: 1354825-58-3	
Molecular Formula	: C ₂₂ H ₂₃ N ₇ O	
Formula Weight	: 401.46	
Chemical Name	: 4-Pyridinecarboxamide, N-[2-[4-amino-3-(4-methylphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl]-2-methylpropyl]-	
Description	: A potent and selective RIPK2 inhibitor with IC ₅₀ /K _d of 130/46 nM; displays negligible activity (>10 μM) against RIPK1, RIPK4 and RIPK5; delays RIPK2 ubiquitylation and NF-κB activation downstream of NOD engagement; prevents cytokine production in vitro and in vivo and ameliorates experimental autoimmune encephalomyelitis in mice.	
Pathway	: Apoptosis	
Target	: RIP kinase	
Receptor	: RIPK2	
Solubility	: DMSO: ≥ 32 mg/mL	
SMILES	: <chem>O=C(NCC(C)(N1N=C(C2=CC=C(C)C=C2)C3=C(N)N=CN=C31)C)C4=CC=NC=C4</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

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