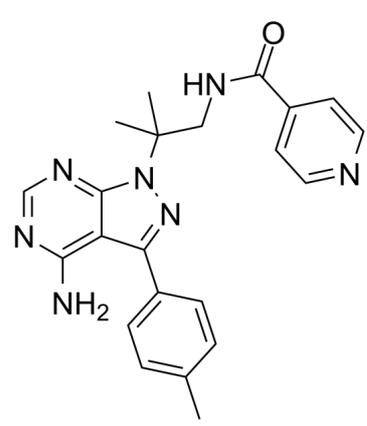


Certificate of Analysis

Catalog Number	BP10409
Product Name	WEHI-345

Physical and Chemical Properties

Synonyms	WEHI345, WEHI 345
CAS No.	1354825-58-3
Chemical Formula	C ₂₂ H ₂₃ N ₇ O
Molecular Weight	401.474
Solubility	DMSO: 32 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of WEHI-345 is a complex heterocyclic molecule. It features a central pyrimidopyrimidine ring system. One nitrogen atom in the ring is substituted with a tert-butyl group. Another nitrogen atom is substituted with a 4-pyridylmethyl group. A third nitrogen atom is substituted with a 4-aminophenyl group. The fourth nitrogen atom is substituted with a 4-pyridylmethyl group. The structure is shown as a skeletal formula.</p>

Product Information

Description	WEHI-345 is a potent and selective RIPK2 inhibitor which shows NOD signalling events yet prevents inflammatory cytokine production.
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Targets&IC50	RIPK2: 0.13 μ M
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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