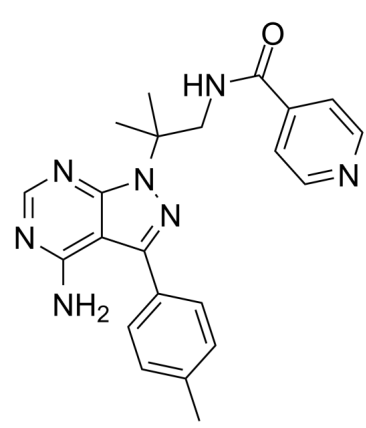


## Certificate of Analysis

Catalog Number	BP10409
Product Name	WEHI-345

## Physical and Chemical Properties

Synonyms	WEHI345, WEHI 345
CAS No.	1354825-58-3
Chemical Formula	C <sub>22</sub> H <sub>23</sub> N <sub>7</sub> 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 molecule. It features a central pyrimidine ring system. One nitrogen atom in the pyrimidine ring is substituted with a tert-butyl group. Another nitrogen atom is substituted with a 4-aminophenyl group. The third nitrogen atom is substituted with a 2-pyridylmethyl group. The structure is shown in a skeletal format with explicit hydrogen atoms for the amino group and the pyridine ring.</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 $\mu$ 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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