



CERTIFICATE OF ANALYSIS



Date: 08-02-2026

Product Name	Ruxolitinib M18 metabolite		
Chemical Name	(3R)-3-(4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl)-3-(2-hydroxycyclopentyl)propanenitrile		
Structure	<p>The chemical structure is a complex organic molecule. It features a 7H-pyrrolo[2,3-d]pyrimidin-4-yl group attached to a 1H-pyrazol-1-yl group. This is further substituted with a 3-(2-hydroxycyclopentyl)propanenitrile group. The structure includes a cyclopentane ring with a hydroxyl group (OH) and a cyano group (CN) attached to a chiral center (3R).</p>		
Batch No.	-	CAS No.	1315607-85-2
Analysis Date	-	Retest Date	5
Mol. Formula	C ₁₇ H ₁₈ N ₆ O	Molecular Wt.	322.4
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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