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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2026

Re-test Date: Jun 2029

Product Name: Ruxolitinib Impurity 68

Identification:

Chemical Name: 5-Cyclopentyl-1,2-dihydro-3H-pyrazol-3-one

Synonyms : NA

CAS Number : 467248-37-9

CAT Number : CP-R53110

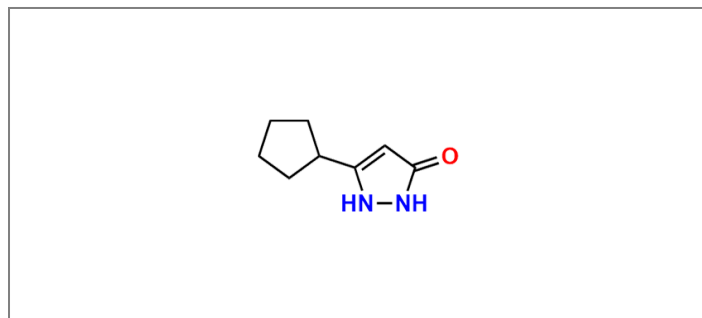
Molecular Formula : C₈H₁₂N₂O

Molecular Weight : 152.2

Batch Number : CP-43-68

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale yellow solid
2)	Solubility	Solubility in MeOH/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity By HPLC	96.08 %
5)	¹ H NMR	Confirm to Structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency	-

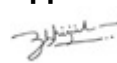


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.