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## CERTIFICATE OF ANALYSIS

Analysis Date:

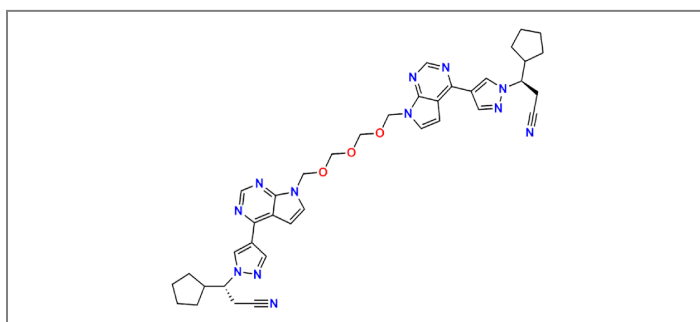
Re-test Date:

**Product Name: Ruxolitinib Impurity 53**

### Identification:

Chemical Name: (3R,3`R)-3,3`-((((oxybis(methylene))bis(oxy))bis(methylene))bis(7H-pyrrolo[2,3-d]pyrimidine-7,4-diyl))bis(1H-pyrazole-4,1-diyl))bis(3-cyclopentylpropanenitrile)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-R53064  
Molecular Formula : C<sub>38</sub>H<sub>42</sub>N<sub>12</sub>O<sub>3</sub>  
Molecular Weight : 714.84



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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