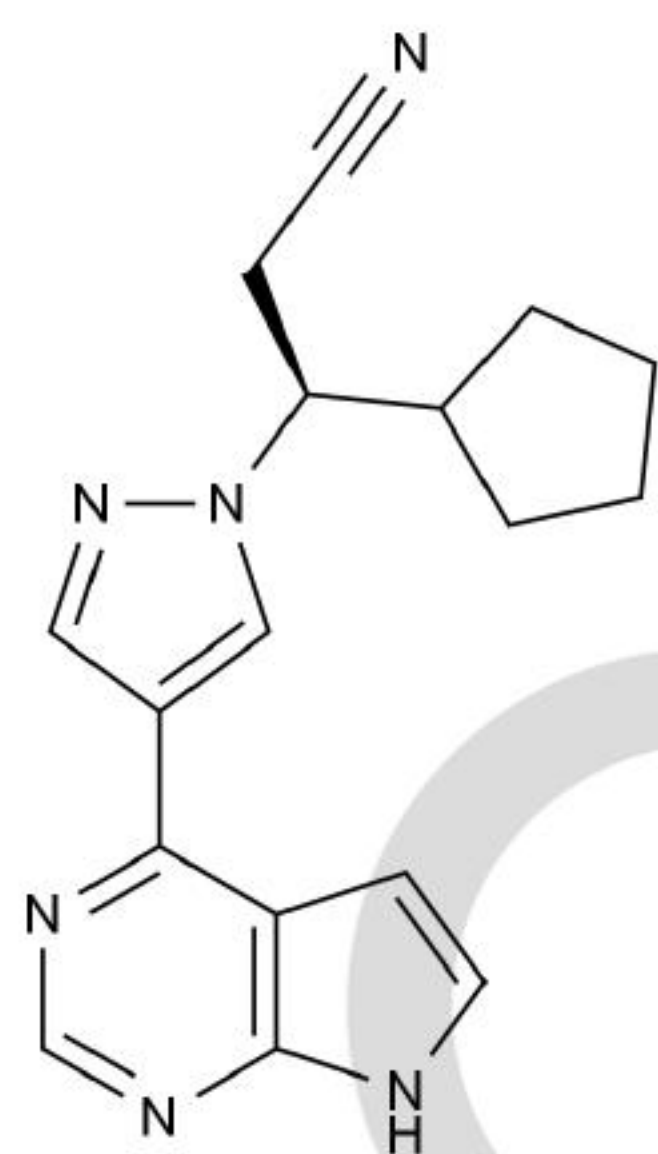


Certificate of Analysis

Reference Material & Standard

Product Name:	(S)-Ruxolitinib	Catalogue Number:	C4X-20585
Synonyms:	(3S)-3-Cyclopentyl-3-[4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile	Lot Number:	0327-RH-0055
CAS Number:	941685-37-6	Expiry Date:	Apr 19, 2030
Molecular Formula:	C ₁₇ H ₁₈ N ₆	Storage:	-20°C±5°C Sealed
Molecular Weight:	306.37	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Chiral Purity	HPLC	99.465%
Purity	HPLC	99.306%
Residue on Ignition	TGA	0.3363%
Loss on Drying	TGA	0.2891%
Assay	qNMR	98.5%
Assay	Mass Balance	98.7%

Comment:

- The retest date of this product is Apr 19, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: May 19, 2026

Date: May 19, 2026

Date: May 19, 2026



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