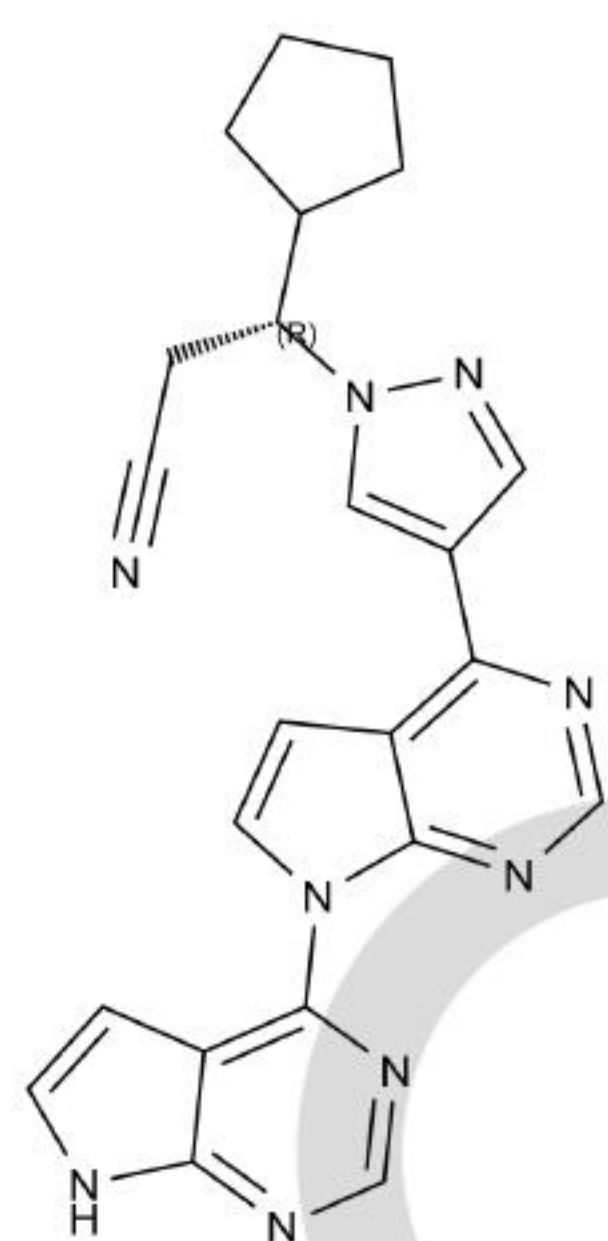


Certificate of Analysis

Reference Material & Standard

Product Name:	Ruxolitinib Impurity 112	Catalogue Number:	C4X-2058112
Synonyms:	N/A	Lot Number:	0717-RG-0099
CAS Number:	N/A	Expiry Date:	Jul 18, 2029
Molecular Formula:	C23H21N9	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	423.47		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	97.285%
Water Content	Karl Fischer	0.03%
Residual Solvents	NMR	1.03% ethyl acetate
Assay		96.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 21, 2025

Date: Jul 21, 2025

Date: Jul 21, 2025

