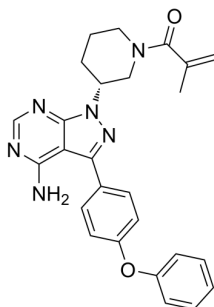


Certificate of Analysis

Compound Information

Product Name:	(R)-1-(3-(4-Amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)piperidin-1-yl)-2-methylprop-2-en-1-one (Ibrutinib Impurity)
Cat. No.:	1326052
Molecular Formula:	C ₂₆ H ₂₆ N ₆ O ₂
Molecular Weight:	454.52
Chemical Structure:	



Batch Information

Batch No.:	Le1130111037
Storage:	2-8°C, protect from light
Test Date:	2021-12-02
Retest Date:	2024-12-01
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.94%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

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