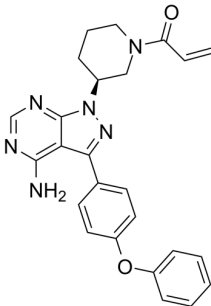


Certificate of Analysis

Compound Information

Product Name:	(S)-1-(3-(4-amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)piperidin-1-yl)prop-2-en-1-one (Ibrutinib Impurity)
Cat. No.:	1235386
CAS No.:	936563-97-2
Molecular Formula:	C ₂₅ H ₂₄ N ₆ O ₂
Molecular Weight:	440.50
Chemical Structure:	

Batch Information

Batch No.:	Le082495806
Storage:	2-8°C, protect from light
Mfg. Date:	2021-08-25
Retest Date:	2024-08-24
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.98%
OR[α](C=5mg/ml DCM):	116°
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

E-mail: product@leyan.com

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