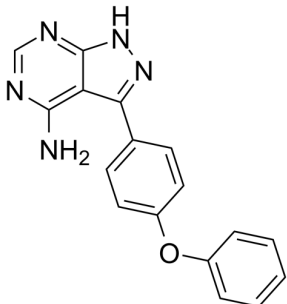


Certificate of Analysis

Compound Information

Product Name:	Ibrutinib deacryloylpiperidine (Ibrutinib Impurity)
Cat. No.:	1284663
CAS No.:	330786-24-8
Molecular Formula:	C ₁₇ H ₁₃ N ₅ O
Molecular Weight:	303.32
Chemical Structure:	

Batch Information

Batch No.:	Lf0919169190
Storage:	2-8°C, protect from light
Mfg. Date:	2022-09-19
Retest Date:	2025-09-18
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to light brown (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.84%
Water(KF):	0.34%
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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