



Certificate of Analysis

Product Name	Ibrutinib
Catalog No.	V0643
Batch No.	V064301

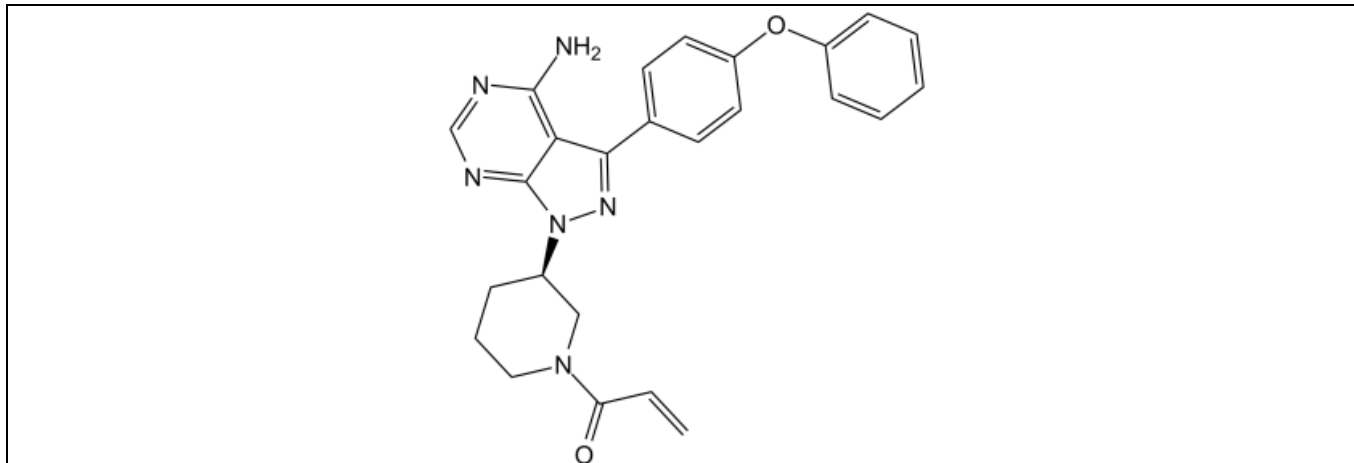
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₅ H ₂₄ N ₆ O ₂
Molecular Weight	440.5
Purity	≥99.0%
CAS No.	936563-96-1

2. Analytical Data

HPLC	Indicates ≥99.0% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition
Long term storage (months)	-20 °C under dry condition

Products are for research use only • Not for human or veterinary use