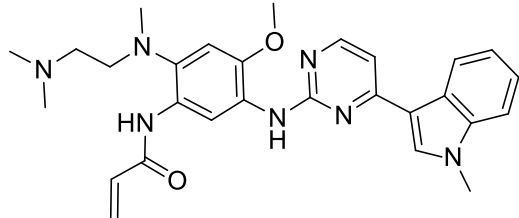




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206042	Osimertinib free base	C21R01B20

Chemical name	
N-(2-((2-(dimethylamino)ethyl)(methyl)amino)-4-methoxy-5-((4-(1-methyl-1H-indol-3-yl)pyrimidin-2-yl)amino)phenyl)acrylamide	
Synonyms	
AZD9291; AZD 9291; AZD-9291; Mereletinib; Osimertinib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206042 Name: Osimertinib free base CAS#: 1421373-65-0 Lot#: C21R01B20 Chemical Formula: C ₂₈ H ₃₃ N ₇ O ₂ Exact Mass: 499.26957 Molecular Weight: 499.61

Analysis item	Specifications / Results
Appearance	Brown to deep yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE