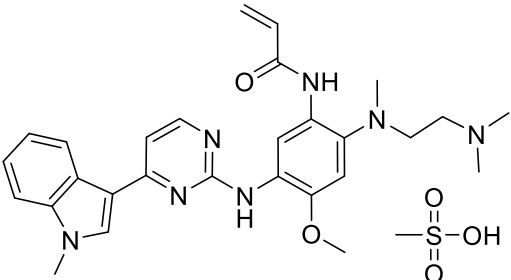




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
206426	Osimertinib mesylate (AZD-9291 mesylate)	T21Z03C30

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 mesylate	
Synonyms	
AZD-9291; AZD 9291; AZD9291; AZD-9291 mesylate; Mereletinib; Mereletinib mesylate; Osimertinib mesylate. Brand name: Tagrisso.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206426 Name: Osimertinib mesylate CAS#: 1421373-66-1 Lot#: T21Z03C30 Chemical Formula: C <sub>29</sub> H <sub>37</sub> N <sub>7</sub> O <sub>5</sub> S Molecular Weight: 595.72 <i>Osimertinib (free base)</i> Chemical Formula: C <sub>28</sub> H <sub>33</sub> N <sub>7</sub> O <sub>2</sub> Exact Mass: 499.2696, Molecular Weight: 499.62

Analysis item	Specifications / Results
Appearance	Yellow to brown solid powder
Structure	<sup>1</sup> 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 and ethanol.
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
Self life	At least 5 years if properly stored.

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