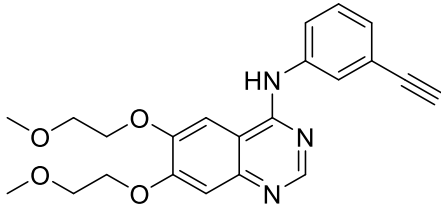




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100301	Erlotinib Free Base	C7R05B31

Chemical name	
N-(3-Ethynylphenyl)-6,7-bis(2-methoxyethoxy)-4-quinazolinamine.	
Synonyms	
CP-358,774; CP-358774; CP358774; OSI-774; OSI 774; OSI774; Erlotinib free base.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100301 Name: Erlotinib free base CAS#: 183321-74-6 (free base) Lot#: C7R05B31 Chemical Formula: C ₂₂ H ₂₃ N ₃ O ₄ Exact Mass: 393.16886 Molecular Weight: 393.44

Analysis item	Specifications / Results
Appearance	White to off-white crystalline 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