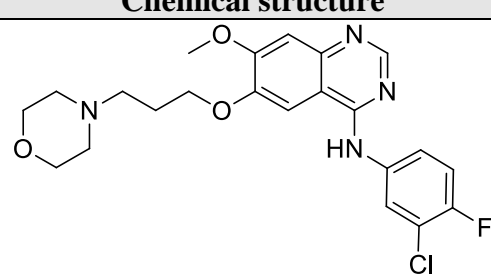


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
100140	Gefitinib	CRB50318

Chemical name	
N-(3-chloro-4-fluorophenyl)-7-methoxy-6-(3-morpholinopropoxy)quinazolin-4-amine	
Synonyms	
Iressa; ZD 1839; ZD1839; ZD-1839; Gefitinib.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100140 Name: Gefitinib CAS#: 184475-35-2 Lot#: CRB50318 Chemical Formula: C ₂₂ H ₂₄ ClFN ₄ O ₃ Exact Mass: 446.15210 Molecular Weight: 446.90

Analysis item	Specification/Results
Appearance	White 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)	>98%
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
Self life	At least 5 years if properly stored.

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