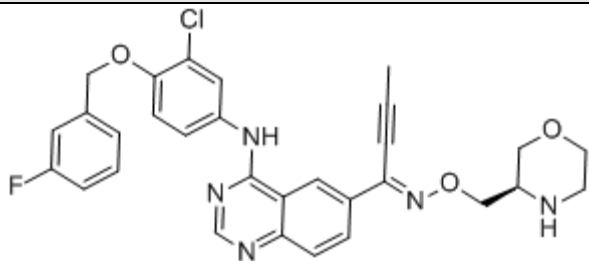


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
327008	Epertinib	C9M05G20

Chemical name	
(R,Z)-1-(4-((3-chloro-4-((3-fluorobenzyl)oxy)phenyl)amino)quinazolin-6-yl)but-2-yn-1-one O-morpholin-3-ylmethyl oxime	
Synonyms	
Epertinib; S-22611; S22611; S 22611.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 327008 Name: Epertinib CAS#: 908305-13-5 Lot#: C9M05G20 Chemical Formula: C ₃₀ H ₂₇ ClFN ₅ O ₃ Exact Mass: 559.1786 Molecular Weight: 560.03

Analysis item	Specifications / Results
Appearance	light yellow to 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