Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201372	Foretinib	C21R05B12

Chemical name		
N-[3-fluoro-4-({6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinolin-4-yl}oxy)phenyl]-N'-(4-		
fluorophenyl)cyclopropane-1,1-dicarboxamide		
Synonyms		
XL880; XL 880; XL-880; GSK1363089; GSK 1363089; GSK-1363089; GSK089;		
EXEL2880; Foretinib.		
Chemical structure	CAS# and Theoretical analysis	
0	MedKoo Cat#: 201372	
N O N	Name: Foretinib	
	CAS#: 849217-64-7 (free base)	
0	LOT#: C21R05B12	
F 0 0 0	Chemical Formula: C ₃₄ H ₃₄ F ₂ N ₄ O ₆	
	Exact Mass: 632.24464	
N N Y F	Molecular Weight: 632.65	

Analysis item	Specifications / Results	
Appearance	White to off-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)	>99%	
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