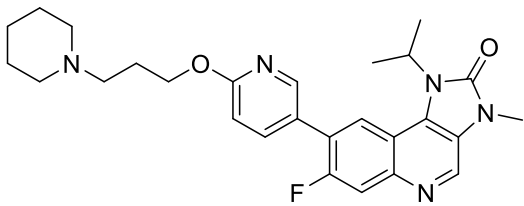


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206857	AZD1390	A22T07K07

Chemical name	
7-fluoro-1-isopropyl-3-methyl-8-(6-(3-(piperidin-1-yl)propoxy)pyridin-3-yl)-1H-imidazo[4,5-c]quinolin-2(3H)-one	
Synonyms	
AZD1390; AZD-1390; AZD 1390	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206857 Name: AZD1390 CAS#: 2089288-03-7 Lot#: A22T07K07 Chemical Formula: C ₂₇ H ₃₂ FN ₅ O ₂ Exact Mass: 477.254 Molecular Weight: 477.58

Analysis item	Specifications / Results
Appearance	Light orange-brown 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)	>97.0%
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