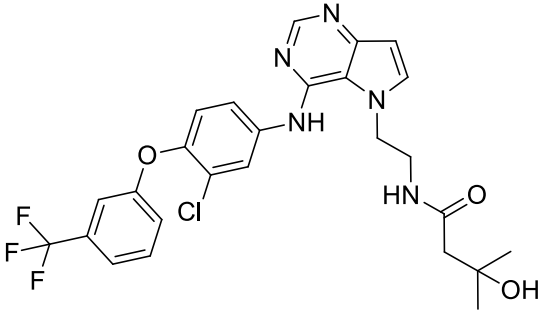




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
202721	TAK-285	BBC60426

Chemical name	
N-(2-(4-((3-chloro-4-(3-(trifluoromethyl)phenoxy)phenyl)amino)-5H-pyrrolo[3,2-d]pyrimidin-5-yl)ethyl)-3-hydroxy-3-methylbutanamide	
Synonyms	
TAK285; TAK285; TAK 285.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 202721 Name: TAK-285 CAS#: 871026-44-7 Lot#: BBC60426 Chemical Formula: C ₂₆ H ₂₅ ClF ₃ N ₅ O ₃ Exact Mass: 547.1598 Molecular Weight: 547.96

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)	~ 93.0%
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
Self life	At least 5 years if properly stored.

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