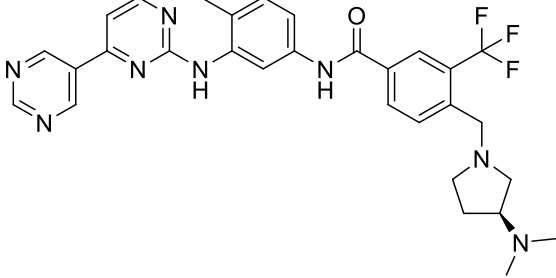




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200316	Bafetinib	A20T07K23

Chemical name	
(S)-N-(3-([4,5'-bipyrimidin]-2-ylamino)-4-methylphenyl)-4-((3-(dimethylamino)pyrrolidin-1-yl)methyl)-3-(trifluoromethyl)benzamide	
Synonyms	
INNO406; INNO-406; INNO 406; NS187; NS-187; NS 187; Bafetinib.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200316 Name: Bafetinib CAS#: 859212-16-1 Lot#: A20T07K23 Chemical Formula: C ₃₀ H ₃₁ F ₃ N ₈ O Exact Mass: 576.25729 Molecular Weight: 576.61

Analysis item	Specifications / Results
Appearance	Light 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)	>98.0%
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