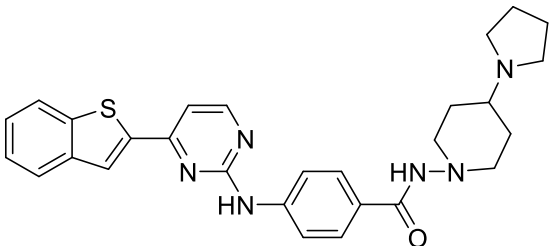


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407163	IKK-16	BBC60111

Chemical name	
N-(4-Pyrrolidin-1-yl-piperidin-1-yl)-[4-(4-benzo[b]thiophen-2-yl-pyrimidin-2-ylamino)phenyl]carboxamide	
Synonyms	
IKK-16; IKK 16; IKK16.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407163 Name: IKK-16 CAS#: 873225-46-8 Lot#: BBC60111 Chemical Formula: C ₂₈ H ₂₉ N ₅ OS Exact Mass: 483.20928 Molecular Weight: 483.63

Analysis item	Specifications / Results
Appearance	Pale 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
Self life	At least 5 years if properly stored.

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