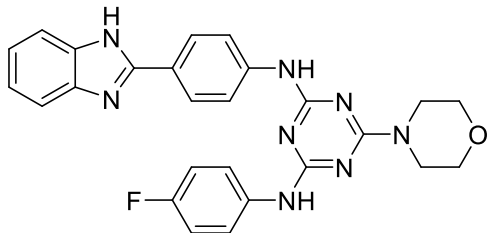


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407993	IITZ-01	T20D09P08

Chemical name	
N2-(4-(1H-benzo[d]imidazol-2-yl)phenyl)-N4-(4-fluorophenyl)-6-morpholino-1,3,5-triazine-2,4-diamine	
Synonyms	
IITZ-01; IITZ 01; IITZ01; Autophagy inhibitor IITZ-01	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407993 Name: IITZ-01 CAS#: 1807988-47-1 Lot#: T20D09P08 Chemical Formula: C ₂₆ H ₂₃ FN ₈ O Exact Mass: 482.1979 Molecular Weight: 482.52

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)	>99.0%
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