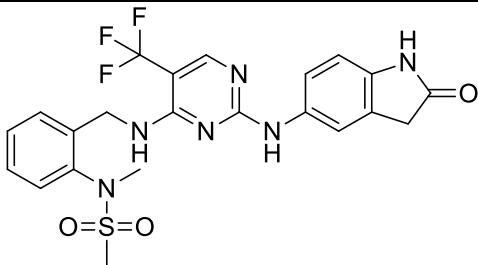


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407200	PF-431396	CRB51209

Chemical name	
N-Methyl-N-[2-[[[2-[(2,3-dihydro-2-oxo-1H-indol-5-yl)amino]-5-(trifluoromethyl)-4-pyrimidinyl]amino]methyl]phenyl]methanesulfonamide	
Synonyms	
PF-431396; PF 431396; PF431396.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407200 Name: PF-431396 CAS#: 717906-29-1 Lot#: CRB51209 Chemical Formula: C ₂₂ H ₂₁ F ₃ N ₆ O ₃ S Exact Mass: 506.13479 Molecular Weight: 506.50

Analysis item	Specifications / Results
Appearance	Beige 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