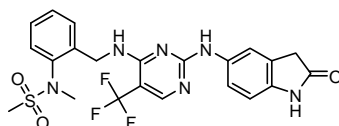




Certificate of Analysis

Axon Catalogue ID: 2107 **Batch Number:** 1
Product Name: PF 431396
Alternative Name(s): N.A.
IUPAC Name: N-methyl-N-(2-((2-(2-oxindolin-5-ylamino)-5-(trifluoromethyl)pyrimidin-4-ylamino)methyl)phenyl)methanesulfonamide

Structure:



Amount:

CAS number: 717906-29-1 **MW:** 506.50
Batch Molecular Formula: C₂₂H₂₁F₃N₆O₃S.1.25H₂O **Batch MW:** 529.01
Appearance: Grey solid **Observed mp:** 218 - 220 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	50.7	>100 mM	Soluble
	EtOH			Not Tested

Remarks: Microanalysis: Calcd. C 49.965, H 4.48, N 15.89; Found C 49.96, H 4.40, N 15.55.

Pfizer compound; Sold for research purposes under agreement from Pfizer Inc.

QC Date:

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only