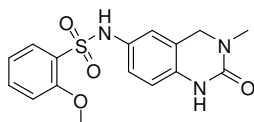




Certificate of Analysis

Axon Catalogue ID: 1887 **Batch Number:** 2
Product Name: PFI-1
Alternative Name(s): PF 06405761
IUPAC Name: 2-Methoxy-N-(3-methyl-2-oxo-1,2,3,4-tetrahydroquinazolin-6-yl)benzenesulfonamide

Structure:



Amount:

CAS number(s): 1403764-72-6
Molecular Formula: C₁₆H₁₇N₃O₄S **Molecular Weight:** 347.39
Batch Molecular Formula: C₁₆H₁₇N₃O₄S **Batch Molecular Weight:** 347.39
Appearance: White solid **Observed mp:** 265 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.32, H 4.93, N 12.09; Found: C 55.03, H 4.97, N 11.97
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	34.7	>100 mM	
	EtOH			Not Tested

Remarks: The compound is suspected to be unstable in solution.

QC Date: 15-05-2020

The purity of Axon Ligands 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 Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only