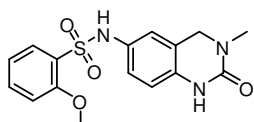




## Certificate of Analysis

**Axon Catalogue ID:** 1887 **Batch Number:** 1  
**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:** C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S **Molecular Weight:** 347.39  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S.0.66H<sub>2</sub>O **Batch Molecular Weight:** 359.28  
**Appearance:** Beige solid **Observed mp:** 265 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 53.47, H 5.14, N 11.69; Found: C 53.48, H 5.05, N 11.69  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.9	>100 mM	
	EtOH			Not Tested

**Remarks:** The material is suspected to be unstable in solution.

**QC Date:** 22-11-2018

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**