



Certificate of Analysis

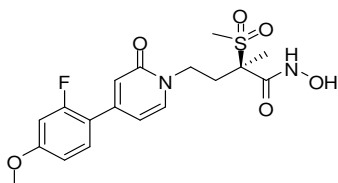
Axon Catalogue ID: 2113 **Batch Number:** 1

Product Name: PF 05081090

Alternative Name(s): PF 5081090

IUPAC Name: (R)-4-(4-(2-Fluoro-4-methoxyphenyl)-2-oxopyridin-1(2H)-yl)-N-hydroxy-2-methyl-2-(methylsulfonyl)butanamide

Structure:



Amount:

CAS number(s): 1312473-63-4

Molecular Formula: C₁₈H₂₁FN₂O₆S **Molecular Weight:** 412.43

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Appearance: Off-white solid **Observed mp:** 178 - 180 °C

TLC (R_f): 0.46 DCM/MeOH (9:1)

Chemical Purity: 98.3%

Optical Purity (ee): Optical pure

Optical Rotation (observed): [α]_D = 61.5° with c = 0.5 in MeOH

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 52.42, H 5.13, N 6.79; Found: C 52.65, H 4.96, N 6.58

Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	65.5	
	EtOH			Not Tested

Remarks:

QC Date: 17-01-2019

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