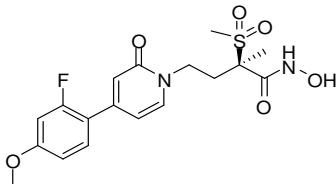




Certificate of Analysis

Axon Catalogue ID:	2113	Batch Number:	2
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:	C ₁₈ H ₂₁ FN ₂ O ₆ S	Molecular Weight:	412.43
Batch Molecular Formula:	C ₁₈ H ₂₁ FN ₂ O ₆ S.0.5H ₂ O	Batch Molecular Weight:	421.44
Appearance:	Light-orange solid	Observed mp:	161.3 - 164.7 °C
TLC (R_f):	0.4 DCM/MeOH (9:1)		
Chemical Purity:	98.5%		
Optical Purity (ee):	100%		
Optical Rotation (observed):	[α] _D = 64.4° with c = 0.5 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 51.30, H 5.26, N 6.65; Found: C 51.49, H 5.13, N 6.61		
Storage Conditions:	Store at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)	18.0	42.7
	0.1N HCl (aq)		
	DMSO	42.1	>100 mM
	EtOH		
			Not Tested
Remarks:			
QC Date:	05-08-2021		

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