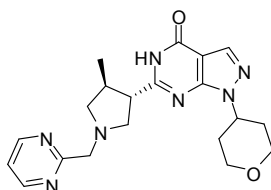




Certificate of Analysis

Axon Catalogue ID: 2148 **Batch Number:** 1
Product Name: PF 04447943
Alternative Name(s): PF 4447943
IUPAC Name: 6-((3S,4S)-4-methyl-1-(pyrimidin-2-ylmethyl)pyrrolidin-3-yl)-1-(tetrahydro-2H-pyran-4-yl)-1H-pyrazolo[3,4-d]pyrimidin-4(5H)-one

Structure:



Amount:

CAS number: 1082744-20-4
Batch Molecular Formula: C₂₀H₂₅N₇O₂ **Batch MW:** 395.46
Appearance: Pale yellow solid **Observed mp:** 160 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.74 , H 6.37 , N 24.78 Found: C 60.77 , H 6.65 , N 24.51
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)	20.0	50.6	
	DMSO	36.0	91.0	
	EtOH			Not Tested

Remarks:

QC Date: 18-2-2014

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