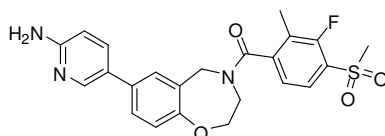




Certificate of Analysis

Axon Catalogue ID: 2951 **Batch Number:** 1
Product Name: XL 388
Alternative Name(s): N.A.
IUPAC Name: (7-(6-Aminopyridin-3-yl)-2,3-dihydrobenzo[f][1,4]oxazepin-4(5H)-yl)(3-fluoro-2-methyl-4-(methylsulfonyl)phenyl)methanone

Structure:



Amount:

CAS number(s): 1251156-08-7
Molecular Formula: C₂₃H₂₂FN₃O₄S **Molecular Weight:** 455.50
Batch Molecular Formula: C₂₃H₂₂FN₃O₄S **Batch Molecular Weight:** 455.50
Appearance: Yellow solid **Observed mp:** 181.4 - 184.1 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.65, H 4.87, N 9.23; Found: C 60.44, H 4.84, N 9.19
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	13.0	28.5	
	DMSO	45.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-05-2019

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