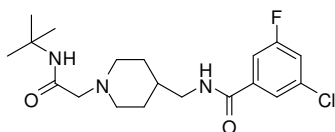




Certificate of Analysis

Axon Catalogue ID: 3025 **Batch Number:** 1
Product Name: Z944
Alternative Name(s): N.A.
IUPAC Name: N-((1-(2-(tert-Butylamino)-2-oxoethyl)piperidin-4-yl)methyl)-3-chloro-5-fluorobenzamide

Structure:



Amount:

CAS number(s): 1199236-64-0
Molecular Formula: C₁₉H₂₇ClFN₃O₂ **Molecular Weight:** 383.89
Batch Molecular Formula: C₁₉H₂₇ClFN₃O₂ **Batch Molecular Weight:** 383.89
Appearance: White solid **Observed mp:** 193.2 - 194.6 °C
TLC (R_f): 0.6 EtOAc (100%)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.45, H 7.09, N 10.95; Found: C 59.25, H 7.20, N 10.86
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)	16.7	43.5	
	DMSO	4.2	10.9	
	EtOH			Not Tested

Remarks:

QC Date: 19-03-2020

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