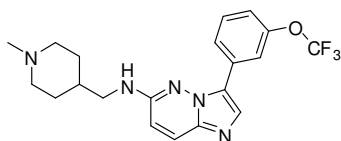




Certificate of Analysis

Axon Catalogue ID: 1633 **Batch Number:** 1
Product Name: SGI 1776 free base
Alternative Name(s): N.A.
IUPAC Name: N-((1-Methylpiperidin-4-yl)methyl)-3-(3-(trifluoromethoxy)phenyl)imidazo[1,2-b]pyridazin-6-amine

Structure:



Amount:

CAS number(s): 1025065-69-3
Molecular Formula: C₂₀H₂₂F₃N₅O **Molecular Weight:** 405.42
Batch Molecular Formula: C₂₀H₂₂F₃N₅O **Batch Molecular Weight:** 405.42
Appearance: White solid **Observed mp:** 148 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (18:1:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.25, H 5.47, N 17.27; Found: C NA, H NA, N NA
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	27.0	66.6	Soluble upon compensating with acid
	DMSO	37.0	91.3	
	EtOH			Not Tested

Remarks:

QC Date: 16-11-2018

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