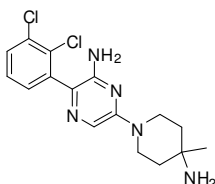




Certificate of Analysis

Axon Catalogue ID: 2633 **Batch Number:** 1
Product Name: SHP099
Alternative Name(s): N.A.
IUPAC Name: 6-(4-Amino-4-methylpiperidin-1-yl)-3-(2,3-dichlorophenyl)pyrazin-2-amine

Structure:



Amount:

CAS number(s): 1801747-42-1
Molecular Formula: C₁₆H₁₉Cl₂N₅ **Molecular Weight:** 352.26
Batch Molecular Formula: C₁₆H₁₉Cl₂N₅ **Batch Molecular Weight:** 352.26
Appearance: Yellow solid **Observed mp:** 72 - 74 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 98.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.55, H 5.44, N 19.87; Found: C 54.26, H 5.84, N 19.51
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)			Not Tested
	DMSO	35.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 1-4-2022

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