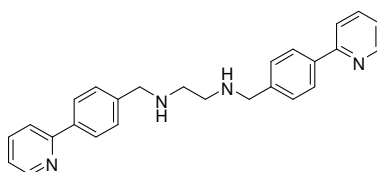




Certificate of Analysis

Axon Catalogue ID: 3898 **Batch Number:** 1
Product Name: BC-1215
Alternative Name(s): N.A.
IUPAC Name: N1,N2-Bis(4-(pyridin-2-yl)benzyl)ethane-1,2-diamine

Structure:



Amount:

CAS number(s): 1507370-20-8
Molecular Formula: C₂₆H₂₆N₄ **Molecular Weight:** 394.51
Batch Molecular Formula: C₂₆H₂₆N₄ **Batch Molecular Weight:** 394.51
Appearance: White solid **Observed mp:** 115.2 - 119.9 °C
TLC (R_f): 0.5 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 79.16, H 6.64, N 14.20; Found: C 78.85, H 6.52, N 14.23
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)	4.8	12.2	
	DMSO	2.4	6.1	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 24-7-2023

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