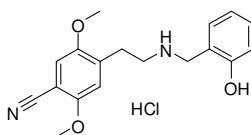




Certificate of Analysis

Axon Catalogue ID: 2811 **Batch Number:** 1
Product Name: 25CN-NBOH hydrochloride
Alternative Name(s): NBOH-2C-CN hydrochloride
IUPAC Name: 4-(2-(2-Hydroxybenzylamino)ethyl)-2,5-dimethoxybenzonitrile hydrochloride

Structure:



Amount:

CAS number(s): 1391489-32-9 (parent), 1539266-32-4 (HCl (1:1))
Molecular Formula: C₁₈H₂₀N₂O₃.HCl **Molecular Weight:** 348.82
Batch Molecular Formula: C₁₈H₂₀N₂O₃.HCl **Batch Molecular Weight:** 348.82
Appearance: White solid **Observed mp:** 221 - 222 °C
TLC (R_f): 0.6 DCM/MeOH/NH₃ (50:1:0.1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.98, H 6.07, N 8.03; Found: C 62.08, H 6.00, N 7.96
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	8.4	24.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-5-2023

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