



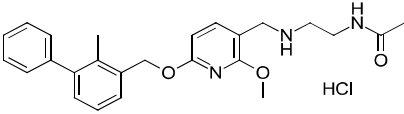
Certificate of Analysis

Axon Catalogue ID: 4247 **Batch Number:** 1

Product Name: BMS202 hydrochloride

Alternative Name(s): PCC0208025

IUPAC Name: N-(2-((2-Methoxy-6-((2-methylbiphenyl-3-yl)methoxy)pyridin-3-yl)methylamino)ethyl)acetamide hydrochloride

Structure:  **Amount:**

CAS number(s): 1675203-84-5 (parent), 2089334-95-0 (HCl (1:1))

Molecular Formula: C₂₅H₂₉N₃O₃.HCl **Molecular Weight:** 455.98

Batch Molecular Formula: C₂₅H₂₉N₃O₃.HCl.H₂O **Batch Molecular Weight:** 473.99

Appearance: Beige solid **Observed mp:** 267.1 - 269.9 °C

TLC (R_f): 0.2 DCM/MeOH/NH₃ (9:1:0.1)

Chemical Purity: 99.6%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 63.35, H 6.80, N 8.87; Found: C 63.47, H 7.12, N 9.26

Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	12.0	25.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	57.0	
	EtOH	16.0	33.8	

Remarks:

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