



Certificate of Analysis

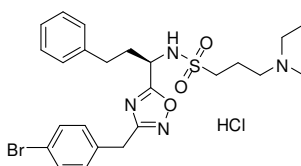
Axon Catalogue ID: 2147 **Batch Number:** 1

Product Name: CpdD hydrochloride

Alternative Name(s): N.A.

IUPAC Name: (R)-N-(1-(3-(4-Bromobenzyl)-1,2,4-oxadiazol-5-yl)-3-phenylpropyl)-3-(diethylamino)propane-1-sulfonamide hydrochloride

Structure:



Amount:

CAS number(s): 916984-47-9 (parent), 2108806-12-6 (HCl (1:1))

Molecular Formula: C₂₅H₃₃BrN₄O₃S.HCl **Molecular Weight:** 585.98

Batch Molecular Formula: C₂₅H₃₃BrN₄O₃S.HCl.1H₂O **Batch Molecular Weight:** 604.00

Appearance: Off-white solid **Observed mp:** ND

TLC (R_f): 0.8 DCM/MeOH (9:1)

Chemical Purity: 99.2%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 49.71, H 6.01, N 9.28; Found: C 49.95, H 5.92, N 9.07

Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	35.0	57.9	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	28.0	46.4	
	EtOH			Not Tested

Remarks: The material is very hygroscopic. The material has been packed under nitrogen as a sticky off-white solid but might appear as an amber oil.

QC Date: 20-11-2019

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