



Certificate of Analysis

Axon Catalogue ID:	2711	Batch Number:	1	
Product Name:	WAY-267464 dihydrochloride			
Alternative Name(s):	N.A.			
IUPAC Name:	4-(3,5-Dihydroxybenzyl)-N-(2-methyl-4-(1-methyl-1,4,5,10-tetrahydrobenzo[b]pyrazolo[3,4-e][1,4]diazepine-5-carbonyl)benzyl)piperazine-1-carboxamide dihydrochloride			
Structure:			Amount:	
CAS number(s):	847375-16-0 (parent), 1432043-31-6 (HCl (1:2))			
Molecular Formula:	C32H35N7O4.2HCl	Molecular Weight:	654.59	
Batch Molecular Formula:	C32H35N7O4.2HCl.2.5H2O	Batch Molecular Weight:	699.62	
Appearance:	White solid	Observed mp:	218 - 228 °C (decomp)	
TLC (R_f):	0.71	DCM/MeOH/NH ₃ (4:1:0.1)		
Chemical Purity:	98.1%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 54.94, H 6.05, N 14.01; Found: C 54.96, H 5.95, N 14.16			
Storage Conditions:	Store at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	7.6	10.9	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	70.0	>100 mM	
	EtOH			Not Tested
Remarks:	Sonication enhances solubility. Suspected to be light sensitive. Electrostatic.			
QC Date:	14-6-2022			

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