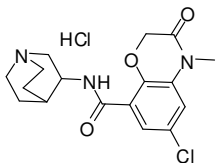




Certificate of Analysis

Axon Catalogue ID:	2534	Batch Number:	1
Product Name:	(+)-Azasetron hydrochloride		
Alternative Name(s):	N.A.		
IUPAC Name:	6-Chloro-4-methyl-3-oxo-N-(quinuclidin-3-yl)-3,4-dihydro-2H-benzo[b][1,4]oxazine-8-carboxamide hydrochloride		
Structure:		Amount:	
CAS number(s):	123040-93-7 (parent), 123040-94-8 (HCl (1:1))		
Molecular Formula:	C ₁₇ H ₂₀ ClN ₃ O ₃ .HCl	Molecular Weight:	386.27
Batch Molecular Formula:	C ₁₇ H ₂₀ ClN ₃ O ₃ .HCl	Batch Molecular Weight:	386.27
Appearance:	White solid	Observed mp:	>290 °C (decomp)
TLC (R_f):	0.3	DCM/MeOH/NH ₃ (9:1:0.1)	
Chemical Purity:	100%		
Optical Purity (ee):	>99%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 52.86, H 5.48, N 10.88; Found: C 52.81, H 5.46, N 10.80		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM) Remarks
	Water	34.0	88.0
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	9.0	23.3
	EtOH		Not Tested
Remarks:			
QC Date:	09-06-2021		

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