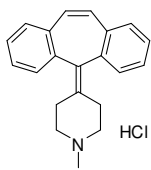


Certificate of Analysis

Axon Catalogue ID:	3511	Batch Number:	1
Product Name:	Cyproheptadine hydrochloride		
Alternative Name(s):	N.A.		
IUPAC Name:	1-Methyl-4-(2-tricyclo[9.4.0.03,8]pentadeca-1(15),3,5,7,9,11,13-heptaenylidene)piperidine hydrochloride		
Structure:			Amount:
CAS number(s):	129-03-3 (parent), 969-33-5 (HCl (1:1))		
Molecular Formula:	C21H21N.HCl	Molecular Weight:	323.86
Batch Molecular Formula:	C21H21N.HCl.1.5H2O	Batch Molecular Weight:	350.88
Appearance:	White solid	Observed mp:	>166 °C (decomp)
TLC (R_f):	0.66	DCM/MeOH (9:1)	
Chemical Purity:	100%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 71.88, H 7.18, N 3.99; Found: C 71.68, H 7.26, N 3.88		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	35.1	>100 mM
	EtOH	35.1	>100 mM
Remarks:			
QC Date:	28-10-2021		

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