



Certificate of Analysis

Axon Catalogue ID:	1202	Batch Number:	1	
Product Name:	U-50488 hydrochloride			
Alternative Name(s):	N.A.			
IUPAC Name:	2-(3,4-Dichloro-phenyl)-N-methyl-N-(trans-2-pyrrolidin-1-yl-cyclohexyl)-acetamide hydrochloride			
Structure:			Amount:	
CAS number(s):	67198-13-4 (parent), 67197-96-0 (HCl (1:1))			
Molecular Formula:	C ₁₉ H ₂₆ Cl ₂ N ₂ O.HCl	Molecular Weight:	405.79	
Batch Molecular Formula:	C ₁₉ H ₂₆ Cl ₂ N ₂ O.HCl.0.75H ₂ O	Batch Molecular Weight:	419.30	
Appearance:	White solid	Observed mp:	113.7 - 115.4 °C	
TLC (R_f):	0.5	DCM/MeOH (9:1)		
Chemical Purity:	99.0%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 54.42, H 6.85, N 6.68; Found: C 54.20, H 6.88, N 6.62			
Storage Conditions:	Store at +4 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	16.0	38.2	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested
Remarks:	Potentially hygroscopic			

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