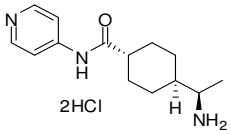
Certificate of Analysis

Axon Catalogue ID:	1683	**Batch Number:**	5
Product Name:	Y 27632 dihydrochloride		
Alternative Name(s):	N.A.		
IUPAC Name:	Trans-4-((R)-1-aminoethyl)-N-(pyridin-4-yl)cyclohexanecarboxamide dihydrochloride		
Structure:		**Amount:**	5 mg

CAS number:	129830-38-2		
Batch Molecular Formula:	C14H21N3O.2HCl.0.5H2O	**Batch MW:**	329.27
Appearance:	White solid	**Observed mp:**	294.7 - 295.2 °C
TLC (R_f)**:**	N.A. -		
Chemical Purity:	100%		
Optical Purity (ee):			
1H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 51.07 , H 7.35 , N 12.76 Found: C 51.08 , H 7.24 , N 12.71		
Storage Conditions:	Store at +4 °C		

Solubility Data:

Solvent	**Solubility (mg/ml)**	**Solubility (mM)**	**Remarks**
Water	32.9	>100 mM	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	32.0	97.2	
EtOH			Not Tested

Remarks:

QC Date: 23-01-2015

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

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