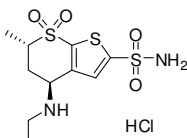




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1517	<b>Batch Number:</b>	1
<b>Product Name:</b>	Dorzolamide hydrochloride		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	(4S,6S)-4-(ethylamino)-5,6-dihydro-6-methyl-, 7,7-dioxide 4H-Thieno[2,3-b]thiopyran-2-sulfonamide hydrochloride		
<b>Structure:</b>		<b>Amount:</b>	
<b>CAS number:</b>	130693-82-2		
<b>Batch Molecular Formula:</b>	C10H16N2O4S3.HCl	<b>Batch MW:</b>	360.90
<b>Appearance:</b>	White Solid	<b>Observed mp:</b>	274 °C (decomp.)
<b>TLC (R<sub>f</sub>):</b>	N.A.	salt form does not run	
<b>Chemical Purity:</b>	9900.0%		
<b>Optical Purity (ee):</b>			
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 33.28 , H 4.75 , N 7.76	Found: C	ND , H ND , N ND
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	22.0	61.0
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	26.7	74.0
	EtOH		Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	22-03-2010		

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**