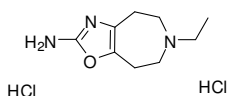




## Certificate of Analysis

**Axon Catalogue ID:** 1154 **Batch Number:** 8  
**Product Name:** B-HT 933 dihydrochloride  
**Alternative Name(s):** Azepexole  
**IUPAC Name:** 6-Ethyl-5,6,7,8-tetrahydro-4H-oxazolo[4,5-d]azepin-2-ylamine dihydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 36067-73-9 (parent), 36067-72-8 (HCl-salt (1:2))  
**Molecular Formula:** C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O.2HCl **Molecular Weight:** 254.16  
**Batch Molecular Formula:** C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O.2HCl.0.75H<sub>2</sub>O **Batch Molecular Weight:** 267.67  
**Appearance:** Beige solid **Observed mp:** >205°C (Dec.)  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (1:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 40.38, H 6.97, N 15.70; Found: C 40.58, H 6.85, N 16.05  
**Storage Conditions:** Desiccate at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	26.8	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	12.0	44.8	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 16-03-2017

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**