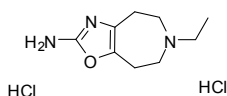




Certificate of Analysis

Axon Catalogue ID: 1154 **Batch Number:** 6
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: C₉H₁₅N₃O.2HCl **Molecular Weight:** 254.16
Batch Molecular Formula: C₉H₁₅N₃O.2HCl.0.5H₂O **Batch Molecular Weight:** 263.17
Appearance: Beige solid **Observed mp:** >208 °C (decomp.)
TLC (R_f): 0.3 DCM/MeOH (1:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 41.08, H 6.89, N 15.97; Found: C 40.80, H 6.46, N 15.84
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	26.3	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	13.2	50.2	
	EtOH			Not Tested

Remarks: Keep under nitrogen. Compound shows hygroscopic tendencies.

QC Date: 19-12-2016

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