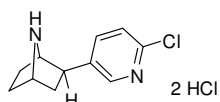




Certificate of Analysis

Axon Catalogue ID: 1076 **Batch Number:** 2
Product Name: (±)-Epibatidine dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 2-(6-Chloro-pyridin-3-yl)-7-aza-bicyclo[2.2.1]heptane dihydrochloride

Structure:



Amount:

CAS number(s): 148152-66-3 (parent), 162885-01-0 (HCl (1:2))
Molecular Formula: C₁₁H₁₃ClN₂.2HCl **Molecular Weight:** 281.61
Batch Molecular Formula: C₁₁H₁₃ClN₂.2HCl **Batch Molecular Weight:** 281.61
Appearance: White solid **Observed mp:** 150 - 152 °C
TLC (R_f): 0.4 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 46.92, H 5.37, N 9.95; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		25.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	10.0	35.5	
	EtOH			Not Tested

Remarks: The product should be handled by qualified personnel only! Use personal protection in a ventilated environment!

QC Date: 11-12-2018

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