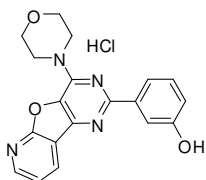


## Certificate of Analysis

**Axon Catalogue ID:** 1380 **Batch Number:** 3  
**Product Name:** PI 103 hydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-[4-(4-Morpholinyl)pyrido[3',2':4,5]furo[3,2-d]pyrimidin-2-yl]-phenol hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 371935-74-9 (parent), 371935-74-4 (HCl (1:1))  
**Molecular Formula:** C<sub>19</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>.HCl **Molecular Weight:** 384.82  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>.HCl **Batch Molecular Weight:** 384.82  
**Appearance:** White solid **Observed mp:** 282.9 - 285.3 °C  
**TLC (R<sub>f</sub>):** 0.6 DCM/MeOH (9:1)  
**Chemical Purity:** 99.0%  
**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 59.30, H 4.45, N 14.56; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

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

**Remarks:**

**QC Date:** 13-6-2019

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**