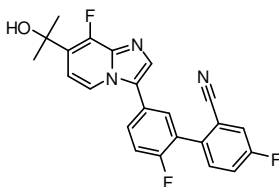




## Certificate of Analysis

**Axon Catalogue ID:** 1422 **Batch Number:** 2  
**Product Name:** TP 003  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 4,2'-difluoro-5'-[8-fluoro-7-(1-hydroxy-1-methylethyl)imidazo[1,2-a]pyridine-3-yl]biphenyl-2-carbonitrile

**Structure:**



**Amount:**

**CAS number:** 628690-75-5  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O **Batch MW:** 407.40  
**Appearance:** White solid **Observed mp:** 190 - 191 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (20:1)  
**Chemical Purity:** 99.0%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.81 , H 3.96 , N 10.31 Found: C ND , H ND , N ND  
**Storage Conditions:** Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	18.0	44.2	
EtOH	9.3	22.8	

**Remarks:**

**QC Date:** 15-07-2009

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**