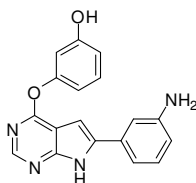




Certificate of Analysis

Axon Catalogue ID: 1562 **Batch Number:** 1
Product Name: TWS 119
Alternative Name(s): N.A.
IUPAC Name: 3-[6-(3-Amino-phenyl)-7H-pyrrolo[2,3,-d]pyrimidin-4-yloxy]-phenol

Structure:



Amount:

CAS number: 601514-19-6
Batch Molecular Formula: C₁₈H₁₄N₄O₂ **Batch MW:** 318.33
Appearance: White solid **Observed mp:** 258 - 259 °C
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.91 , H 4.43 , N 17.60 Found: C ND , H ND , N ND
Storage Conditions: Desiccate 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	16.0	50.3	
EtOH			Not Tested

Remarks: 0.1 mL of a 10mg/mL solution in DMSO can be diluted with 0.1 mL of water (clear solution);
0.1 mL of a 10mg/mL solution in DMSO can be diluted >1mL NaOH (aq., 0.02N)

QC Date: 09-06-2011

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