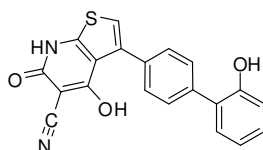




Certificate of Analysis

Axon Catalogue ID: 1466 **Batch Number:** 1
Product Name: A 769662
Alternative Name(s): N.A.
IUPAC Name: 4-Hydroxy-3-(2'-hydroxybiphenyl-4-yl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-5-carbonitrile

Structure:



Amount:

CAS number(s): 844499-71-4
Molecular Formula: C₂₀H₁₂N₂O₃S **Molecular Weight:** 360.39
Batch Molecular Formula: C₂₀H₁₂N₂O₃S **Batch Molecular Weight:** 360.39
Appearance: White solid **Observed mp:** 272.8 - 273.8 °C
TLC (R_f): 0.25 DCM/MeOH (4:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.65, H 3.36, N 7.77; 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	36.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-07-2018

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