



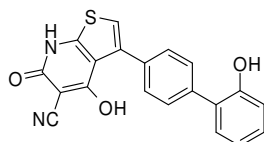
Certificate of Analysis

Axon Catalogue ID 1466 **Batch Number:** 1

Product Name: A769662

IUPAC Name: 6,7-Dihydro-4-hydroxy-3-(2'-hydroxy[1,1'-biphenyl]-4-yl)-6-oxo-thieno[2,3-b]pyridine-5-carbonitrile

Structure:



Amount:

CAS number: 844499-71-4

Batch Molecular Formula: C₂₀H₁₂N₂O₃S

Batch MW: 360.39

Appearance: White solid

Observed m.p.: 272.8-273.8 °C

TLC (R_f): 0.25 DCM/MeOH (4:1)

Chemical Purity: 99.6%

Wavelength for purity check: 206 nm

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Not available

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not tested
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO	50.00	138.74	Soluble
	EtOH			Not tested

Remarks:

Quality controller: M. Brandsma, MSc.

Date: 15-09-2009

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only