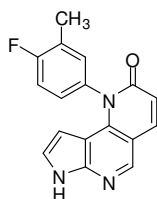




Certificate of Analysis

Axon Catalogue ID: 2743 **Batch Number:** 1
Product Name: STK16-IN-1
Alternative Name(s): JWC-029
IUPAC Name: 1-(4-Fluoro-3-methylphenyl)-1H-pyrrolo[2,3-h][1,6]naphthyridin-2(7H)-one

Structure:



Amount:

CAS number(s): 1223001-53-3
Molecular Formula: C₁₇H₁₂FN₃O **Molecular Weight:** 293.30
Batch Molecular Formula: C₁₇H₁₂FN₃O **Batch Molecular Weight:** 293.30
Appearance: Beige solid **Observed mp:** 144 - 145 °C
TLC (R_f): 0.6 EtOAc/MeOH (20:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.62, H 4.12, N 14.33; Found: C 69.51, H 4.22, N 14.14
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	29.3	>100 mM	
	EtOH			Not Tested

Remarks: Light sensitive; protect from light.

QC Date: 14-02-2018

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