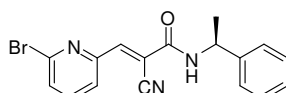




Certificate of Analysis

Axon Catalogue ID: 2316 **Batch Number:** 1
Product Name: WP 1066
Alternative Name(s): N.A.
IUPAC Name: (S,E)-3-(6-Bromopyridin-2-yl)-2-cyano-N-(1-phenylethyl)acrylamide

Structure:



Amount:

CAS number(s): 857064-38-1
Molecular Formula: C₁₇H₁₄BrN₃O **Molecular Weight:** 356.22
Batch Molecular Formula: C₁₇H₁₄BrN₃O **Batch Molecular Weight:** 356.22
Appearance: White solid **Observed mp:** 94 - 95 °C
TLC (R_f): 0.45 Hex/EtOAc (1:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.32, H 3.96, N 11.79; Found: C 57.47, H 4.01, N 11.90
Storage Conditions: Store at -20 °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	35.6	>100 mM	
	EtOH	26.9	75.5	

Remarks: Compound is suspected to be unstable in solution.

QC Date: 21-01-2020

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