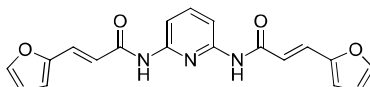




Certificate of Analysis

Axon Catalogue ID: 4314 **Batch Number:** 1
Product Name: TT-012
Alternative Name(s): N.A.
IUPAC Name: N-(6-((E)-2-(2-Furyl)ethenylcarbonylamino)-2-pyridyl)-(E)-3-(2-furyl)acrylamide

Structure:



Amount:

CAS number(s): 1164471-33-3
Molecular Formula: C₁₉H₁₅N₃O₄ **Molecular Weight:** 349.34
Batch Molecular Formula: C₁₉H₁₅N₃O₄ **Batch Molecular Weight:** 349.34
Appearance: Brown solid **Observed mp:** 204.5 - 205.5 °C
TLC (R_f): 0.6 DCM/MeOH (20:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.32, H 4.33, N 12.03; Found: C 65.40, H 4.29, N 12.03
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.9	>100 mM	
	EtOH	3.3	9.5	

Remarks:

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