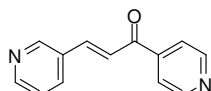




Certificate of Analysis

Axon Catalogue ID: 2175 **Batch Number:** 1
Product Name: 3PO
Alternative Name(s): N.A.
IUPAC Name: (E)-3-(Pyridin-3-yl)-1-(pyridin-4-yl)prop-2-en-1-one

Structure:



Amount:

CAS number(s): 18550-98-6
Molecular Formula: C₁₃H₁₀N₂O **Molecular Weight:** 210.23
Batch Molecular Formula: C₁₃H₁₀N₂O **Batch Molecular Weight:** 210.23
Appearance: Off-white solid **Observed mp:** 147 - 148 °C
TLC (R_f): 0.81 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.27, H 4.79, N 13.32; Found: C 74.10, H 4.51, N 13.27
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	21.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-06-2021

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