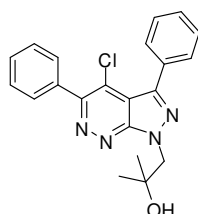


Certificate of Analysis

Axon Catalogue ID: 2624 **Batch Number:** 4
Product Name: BF844
Alternative Name(s): N.A.
IUPAC Name: 1-(4-Chloro-3,5-diphenyl-1H-pyrazolo[3,4-c]pyridazin-1-yl)-2-methylpropan-2-ol

Structure:



Amount:

CAS number(s): 1404506-35-9
Molecular Formula: C₂₁H₁₉ClN₄O **Molecular Weight:** 378.85
Batch Molecular Formula: C₂₁H₁₉ClN₄O.0.25H₂O **Batch Molecular Weight:** 383.36
Appearance: Light-yellow solid **Observed mp:** 64 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.79, H 5.13, N 14.61; Found: C 65.62, H 5.18, N 14.51
Storage Conditions: Store at +4 °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	38.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-01-2020

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