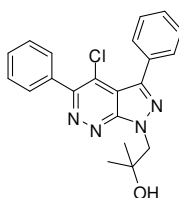


Certificate of Analysis

Axon Catalogue ID: 2624 **Batch Number:** 1
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 **Batch Molecular Weight:** 378.85
Appearance: Light-yellow solid **Observed mp:** 117.1 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.58, H 5.05, N 14.79; Found: C 66.47, H 5.24, N 14.60
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	37.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 1-4-2022

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