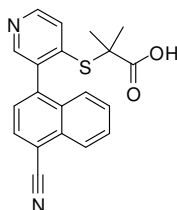




Certificate of Analysis

Axon Catalogue ID: 2938 **Batch Number:** 1
Product Name: Verinurad
Alternative Name(s): RDEA3170
IUPAC Name: 2-(3-(4-Cyanonaphthalen-1-yl)pyridin-4-ylthio)-2-methylpropanoic acid

Structure:



Amount:

CAS number(s): 1352792-74-5
Molecular Formula: C₂₀H₁₆N₂O₂S **Molecular Weight:** 348.42
Batch Molecular Formula: C₂₀H₁₆N₂O₂S.0.25H₂O **Batch Molecular Weight:** 352.92
Appearance: White solid **Observed mp:** 208 °C
TLC (R_f): 0.33 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.06, H 4.71, N 7.94; Found: C 68.18, H 4.56, N 7.82
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	16.8	47.6	
	0.1N HCl (aq)			Not Tested
	DMSO	35.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 15-02-2019

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