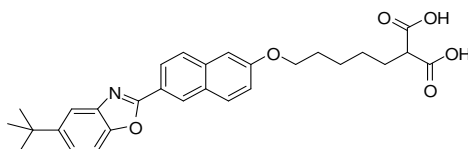




Certificate of Analysis

Axon Catalogue ID: 2838 **Batch Number:** 1
Product Name: SK-216
Alternative Name(s): N.A.
IUPAC Name: 2-(5-(6-(5-tert-Butylbenzo[d]oxazol-2-yl)naphthalen-2-yloxy)pentyl)malonic acid

Structure:



Amount:

CAS number(s): 654080-02-1
Molecular Formula: C₂₉H₃₁NO₆ **Molecular Weight:** 489.56
Batch Molecular Formula: C₂₉H₃₁NO₆·0.5H₂O **Batch Molecular Weight:** 498.57
Appearance: White solid **Observed mp:** >155 °C (decomp)
TLC (R_f): 0.4 DCM/MeOH/AcOH (9:1:0.1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.86, H 6.47, N 2.81; Found: C 69.75, H 6.58, N 2.86
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	9.6	19.3	Sonication enhances solubility
	0.1N HCl (aq)			Not Tested
	DMSO	49.9	>100 mM	
	EtOH			Not Tested

Remarks: Electrostatic.

QC Date: 15-08-2019

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