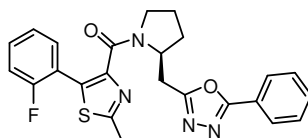




Certificate of Analysis

Axon Catalogue ID: 2192 **Batch Number:** 1
Product Name: SB 674042
Alternative Name(s): N.A.
IUPAC Name: (S)-(5-(2-Fluorophenyl)-2-methylthiazol-4-yl)(2-((5-phenyl-1,3,4-oxadiazol-2-yl)methyl)pyrrolidin-1-yl)methanone

Structure:



Amount:

CAS number(s): 483313-22-0
Molecular Formula: C₂₄H₂₁FN₄O₂S **Molecular Weight:** 448.51
Batch Molecular Formula: C₂₄H₂₁FN₄O₂S **Batch Molecular Weight:** 448.51
Appearance: White solid **Observed mp:** 136 °C
TLC (R_f): 0.4 DCM/MeOH (20:1)
Chemical Purity: 99.9%
Optical Purity (ee): 99.3%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.27, H 4.72, N 12.49; Found: C 64.02, H 4.54, N 12.40
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)	0.0	0.0	Insoluble
	DMSO	35.0	78.0	
	EtOH	24.0	53.5	

Remarks:

QC Date: 05-03-2020

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