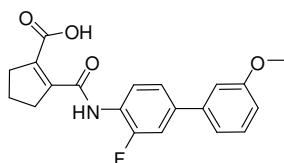




Certificate of Analysis

Axon Catalogue ID: 2377 **Batch Number:** 1
Product Name: Vidofludimus
Alternative Name(s): 4SC-101; SC12267
IUPAC Name: 2-(3-Fluoro-3'-methoxybiphenyl-4-ylcarbamoyl)cyclopent-1-enecarboxylic acid

Structure:



Amount:

CAS number(s): 717824-30-1
Molecular Formula: C₂₀H₁₈FNO₄ **Molecular Weight:** 355.36
Batch Molecular Formula: C₂₀H₁₈FNO₄ **Batch Molecular Weight:** 355.36
Appearance: Off-white solid **Observed mp:** >196 °C (decomp)
TLC (R_f): 0.65 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.60, H 5.11, N 3.94; Found: C 67.22, H 4.96, N 4.00
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	24.0	67.5	
	EtOH			Not Tested

Remarks:

QC Date: 21-01-2020

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