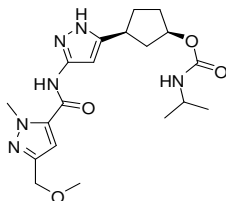




Certificate of Analysis

Axon Catalogue ID: 3753 **Batch Number:** 2
Product Name: PF-07104091
Alternative Name(s): Tagtociclid
IUPAC Name: (1R,3S)-3-(3-(3-(Methoxymethyl)-1-methyl-1H-pyrazole-5-carboxamido)-1H-pyrazol-5-yl)cyclopentyl isopropylcarbamate

Structure:



Amount:

CAS number(s): 2460249-19-6
Molecular Formula: C₁₉H₂₈N₆O₄ **Molecular Weight:** 404.46
Batch Molecular Formula: C₁₉H₂₈N₆O₄ **Batch Molecular Weight:** 404.46
Appearance: White solid **Observed mp:** 126 - 128 °C
TLC (R_f): 0.64 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): 99.8%
Optical Rotation (Det.): [α]_D = +6.9° with c = 0.5 in MeOH
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.42, H 6.98, N 20.78; Found: C 56.13, H 7.05, N 20.66
Storage Conditions: Desiccate at -20 °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	40.4	>100 mM	
	EtOH	40.4	>100 mM	

Remarks:

QC Date: 14-2-2024

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