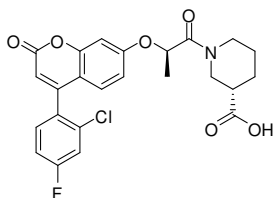




Certificate of Analysis

Axon Catalogue ID: 3417 **Batch Number:** 1
Product Name: IMT1B
Alternative Name(s): LDC203974
IUPAC Name: (S)-1-((R)-2-(4-(2-Chloro-4-fluorophenyl)-2-oxo-2H-chromen-7-yloxy)propanoyl)piperidine-3-carboxylic acid

Structure:



Amount:

CAS number(s): 2304621-06-3
Molecular Formula: C₂₄H₂₁ClFNO₆ **Molecular Weight:** 473.88
Batch Molecular Formula: C₂₄H₂₁ClFNO₆ **Batch Molecular Weight:** 473.88
Appearance: White solid **Observed mp:** 123.5 - 224.4 °C
TLC (R_f): 0.5 DCM/MeOH/AcOH (20:1:0.1)
Chemical Purity: 98.1%
Optical Purity (ee): 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.83, H 4.47, N 2.96; Found: C 60.55, H 4.37, N 2.78
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)	19.0	40.1	
	0.1N HCl (aq)			Not Tested
	DMSO	47.4	>100 mM	
	EtOH	47.4	>100 mM	

Remarks:

QC Date: 9-12-2021

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