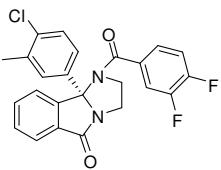


Certificate of Analysis

Axon Catalogue ID:	2739	Batch Number:	1
Product Name:	VU 6008667		
Alternative Name(s):	N.A.		
IUPAC Name:	(S)-9b-(4-Chloro-3-methylphenyl)-1-(3,4-difluorobenzoyl)-2,3-dihydro-1H-imidazo[2,1-a]isoindol-5(9bH)-one		
Structure:			Amount:
CAS number(s):	2092923-21-0		
Molecular Formula:	C ₂₄ H ₁₇ ClF ₂ N ₂ O ₂	Molecular Weight:	438.85
Batch Molecular Formula:	C ₂₄ H ₁₇ ClF ₂ N ₂ O ₂	Batch Molecular Weight:	438.85
Appearance:	White solid	Observed mp:	163 - 165 °C
TLC (R_f):	0.18	Hex/EtOAc (7:3)	
Chemical Purity:	99.6%		
Optical Purity (ee):	98.1%		
Optical Rotation (Det.):	[α] _D = -148.0° with c = 1 in CHCl ₃		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 65.68, H 3.90, N 6.38; Found: C ND, H ND, N ND		
Storage Conditions:	Store at	+4 °C	
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	36.0	82.0
	EtOH	8.5	19.4
Remarks:	Slightly electrostatic.		
QC Date:	26-10-2022		

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