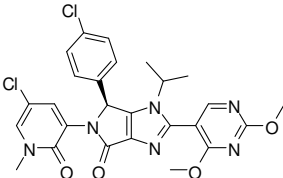




Certificate of Analysis

Axon Catalogue ID:	3737	Batch Number:	2
Product Name:	Siremadlin		
Alternative Name(s):	NVP-HDM201; HDM-201		
IUPAC Name:	(S)-5-(5-Chloro-1-methyl-2-oxo-1,2-dihydropyridin-3-yl)-6-(4-chlorophenyl)-2-(2,4-dimethoxypyrimidin-5-yl)-1-isopropyl-5,6-dihydropyrrolo[3,4-d]imidazol-4(1H)-one		
Structure:			Amount:
CAS number(s):	1448867-41-1		
Molecular Formula:	C ₂₆ H ₂₄ Cl ₂ N ₆ O ₄	Molecular Weight:	555.41
Batch Molecular Formula:	C ₂₆ H ₂₄ Cl ₂ N ₆ O ₄ ·0.5H ₂ O	Batch Molecular Weight:	564.42
Appearance:	White solid	Observed mp:	170 - 175 °C
TLC (R_f):	0.73	DCM/MeOH (9:1)	
Chemical Purity:	98.4%		
Optical Rotation (Det.):	[α] _D = -112.1° with c = 0.5 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 55.33, H 4.46, N 14.89; Found: C 55.07, H 4.16, N 14.73		
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)	0.0	0.0
	DMSO	56.4	>100 mM
	EtOH	56.4	>100 mM
Remarks:			
QC Date:	10-1-2024		

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