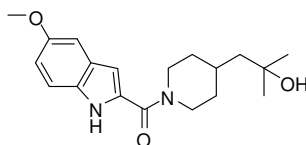




Certificate of Analysis

Axon Catalogue ID: 2787 **Batch Number:** 1
Product Name: ASP 9521
Alternative Name(s): N.A.
IUPAC Name: (4-(2-Hydroxy-2-methylpropyl)piperidin-1-yl)(5-methoxy-1H-indol-2-yl)methanone

Structure:



Amount:

CAS number(s): 1126084-37-4
Molecular Formula: C₁₉H₂₆N₂O₃ **Molecular Weight:** 330.42
Batch Molecular Formula: C₁₉H₂₆N₂O₃·0.1H₂O **Batch Molecular Weight:** 332.22
Appearance: Off-white solid **Observed mp:** 148 °C
TLC (R_f): 0.28 DCM/MeOH (20:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.69, H 7.95, N 8.43; Found: C 68.40, H 8.08, N 8.27
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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	33.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 15-02-2018

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