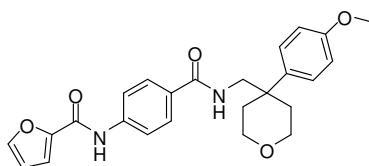




Certificate of Analysis

Axon Catalogue ID: 1922 **Batch Number:** 1
Product Name: JW 55
Alternative Name(s): N.A.
IUPAC Name: N-(4-((4-(4-Methoxyphenyl)tetrahydro-2H-pyran-4-yl)methylcarbamoyl)phenyl)furan-2-carboxamide

Structure:



Amount:

CAS number(s): 664993-53-7
Molecular Formula: C₂₅H₂₆N₂O₅ **Molecular Weight:** 434.48
Batch Molecular Formula: C₂₅H₂₆N₂O₅·0.1H₂O **Batch Molecular Weight:** 436.29
Appearance: White solid **Observed mp:** 174 - 176 °C
TLC (R_f): 0.35 DCM/MeOH (20:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.79, H 6.06, N 6.42; Found: C 68.68, H 5.97, N 6.26
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 30-01-2019

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