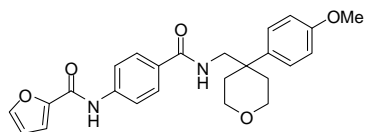




Certificate of Analysis

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: 664993-53-7
Batch Molecular Formula: C₂₅H₂₆N₂O₅·0.1H₂O **Batch MW:** 436.28
Appearance: White Solid **Observed m.p.:** 174-176 °C
TLC (R_f): 0.35 20:1 DCM/Methanol
Chemical Purity: 99.5% **Wavelength for purity check:** 290 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	aq NaOH (0.1N)			Not Tested
	aq HCl (0.1N)			Not Tested
	DMSO	43	>100 mM	Very Soluble
	EtOH			Not Tested

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 10/1/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only