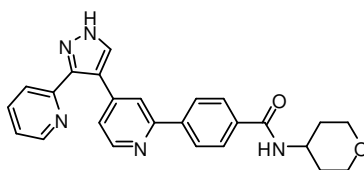




Certificate of Analysis

Axon Catalogue ID: 1832 **Batch Number:** 2
Product Name: GW 788388
Alternative Name(s): N.A.
IUPAC Name: 4-(4-(3-(Pyridin-2-yl)-1H-pyrazol-4-yl)pyridin-2-yl)-N-(tetrahydro-2H-pyran-4-yl)benzamide

Structure:



Amount:

CAS number(s): 452342-67-5
Molecular Formula: C₂₅H₂₃N₅O₂ **Molecular Weight:** 425.48
Batch Molecular Formula: C₂₅H₂₃N₅O₂ **Batch Molecular Weight:** 425.48
Appearance: White solid **Observed mp:** 252.5 - 254.5 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.57, H 5.45, N 16.46; Found: C 70.23, H 5.41, N 16.27
Storage Conditions: Desiccate 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	42.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-09-2020

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