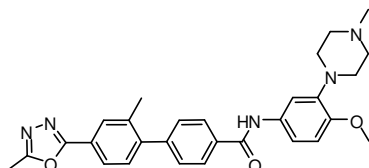




Certificate of Analysis

Axon Catalogue ID: 1080 **Batch Number:** 3
Product Name: GMC 2-29
Alternative Name(s): N.A.
IUPAC Name: N-(4-Methoxy-3-(4-methylpiperazin-1-yl)phenyl)-2'-methyl-4'-(5-methyl-1,3,4-oxadiazol-2-yl)biphenyl-4-carboxamide

Structure:



Amount:

CAS number(s): 148672-15-5
Molecular Formula: C₂₉H₃₁N₅O₃ **Molecular Weight:** 497.59
Batch Molecular Formula: C₂₉H₃₁N₅O₃·0.75H₂O **Batch Molecular Weight:** 511.10
Appearance: Off-white solid **Observed mp:** 195 - 198 °C
TLC (R_f): 0.7 DCM/MeOH (4:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.00, H 6.41, N 13.70; Found: C 67.84, H 6.35, N 13.60
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)	19.3	37.8	
	DMSO	30.0	58.7	
	EtOH			Not Tested

Remarks:

QC Date: 21-4-2021

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