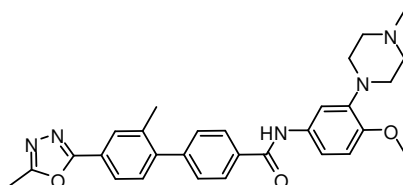




Certificate of Analysis

Axon Catalogue ID: 1080 **Batch Number:** 2
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 **Batch Molecular Weight:** 497.59
Appearance: Off-white solid **Observed mp:** ND
TLC (R_f): 0.7 DCM/MeOH (4:1)
Chemical Purity: 99.2%
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 6.28, N 14.07; Found: C ND, H ND, N ND
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)	0.0	0.0	Insoluble*
	DMSO	49.8	>100 mM	
	EtOH			Not Tested

Remarks: *) The free base sample is insoluble in pure water or 0.1N HCl, however, the material is soluble in a mixture of H₂O-DMSO (>5:1), preferably using acidic buffer.

QC Date: 29-10-2020

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