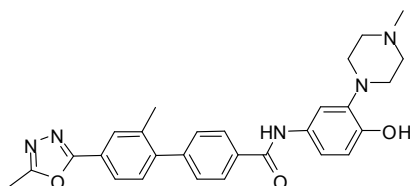




Certificate of Analysis

Axon Catalogue ID: 1083 **Batch Number:** 1
Product Name: GMC 2-113
Alternative Name(s): N.A.
IUPAC Name: 2'-Methyl-4'-(5-methyl-[1,3,4]oxadiazol-2-yl)-biphenyl-4-carboxylic acid [4-hydroxy-3-(4-methyl-piperazin-1-yl)-phenyl]-amide

Structure:



Amount:

CAS number: 256227-77-7
Batch Molecular Formula: C₂₈H₂₉N₅O₃·1H₂O **Batch MW:** 501.57
Appearance: White solid **Observed mp:** 138 - 141 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.05 , H 6.23 , N 13.96 Found: C 67.18 , H 6.26 , N 13.67
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)	48.0	95.7	
	DMSO	48.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-3-2014

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