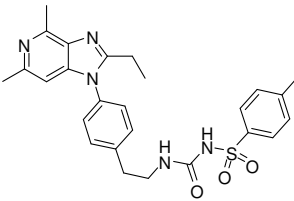




Certificate of Analysis

Axon Catalogue ID:	3787	Batch Number:	1	
Product Name:	Grapiprant			
Alternative Name(s):	CJ-023,423			
IUPAC Name:	N-(4-(2-Ethyl-4,6-dimethyl-1H-imidazo[4,5-c]pyridin-1-yl)phenethylcarbamoyl)-4-methylbenzenesulfonamide			
Structure:			Amount:	
CAS number(s):	415903-37-6			
Molecular Formula:	C26H29N5O3S	Molecular Weight:	491.61	
Batch Molecular Formula:	C26H29N5O3S.0.25H2O	Batch Molecular Weight:	496.11	
Appearance:	White solid	Observed mp:	132.7 - 133.8 °C	
TLC (R_f):	0.4	DCM/MeOH (9:1)		
Chemical Purity:	98.9%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 62.95, H 5.99, N 14.12; Found: C 62.67, H 5.82, N 13.99			
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	37.0	74.6	
	EtOH	40.0	80.6	
Remarks:				
QC Date:	19-12-2022			

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