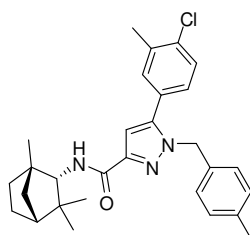


Certificate of Analysis

Axon Catalogue ID: 1924 **Batch Number:** 1
Product Name: SR 144528
Alternative Name(s): N.A.
IUPAC Name: 5-(4-Chloro-3-methylphenyl)-1-(4-methylbenzyl)-N-((1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl)-1H-pyrazole-3-carboxamide

Structure:



Amount:

CAS number(s): 192703-06-3
Molecular Formula: C₂₉H₃₄ClN₃O **Molecular Weight:** 476.05
Batch Molecular Formula: C₂₉H₃₄ClN₃O.0.25H₂O **Batch Molecular Weight:** 480.56
Appearance: Colorless solid **Observed mp:** 48.5 - 50 °C
TLC (R_f): 0.3 DCM
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.48, H 7.24, N 8.74; Found: C 72.72, H 7.30, N 8.65
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	12.3	25.7	
	EtOH			Not Tested

Remarks:

QC Date: 08-10-2018

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