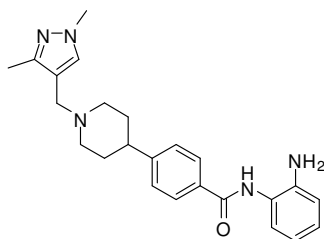


Certificate of Analysis

Axon Catalogue ID: 3038 **Batch Number:** 1
Product Name: CXD101
Alternative Name(s): N.A.
IUPAC Name: N-(2-Aminophenyl)-4-(1-((1,3-dimethyl-1H-pyrazol-4-yl)methyl)piperidin-4-yl)benzamide

Structure:



Amount:

CAS number(s): 934828-12-3
Molecular Formula: C₂₄H₂₉N₅O **Molecular Weight:** 403.52
Batch Molecular Formula: C₂₄H₂₉N₅O **Batch Molecular Weight:** 403.52
Appearance: Off-white solid **Observed mp:** 176 °C
TLC (R_f): 0.3 DCM/MeOH (20:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.44, H 7.24, N 17.36; Found: C 71.77, H 7.46, N 17.46
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	20.0	49.6	
	EtOH			Not Tested

Remarks:

QC Date: 25-11-2019

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