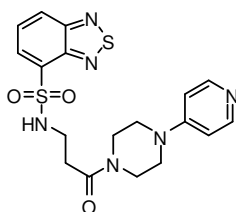




Certificate of Analysis

Axon Catalogue ID: 1787 **Batch Number:** 1
Product Name: VU 0255035
Alternative Name(s): N.A.
IUPAC Name: N-(3-Oxo-3-(4-(pyridin-4-yl)piperazin-1-yl)propyl)benzo[c][1,2,5]thiadiazole-4-sulfonamide

Structure:



Amount:

CAS number(s): 1135243-19-4
Molecular Formula: C₁₈H₂₀N₆O₃S₂ **Molecular Weight:** 432.52
Batch Molecular Formula: C₁₈H₂₀N₆O₃S₂ **Batch Molecular Weight:** 432.52
Appearance: Off-white solid **Observed mp:** 123 - 125 °C
TLC (R_f): 0.5 EtOAc (+ drp. NH₃)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.98, H 4.66, N 19.43; Found: C ND, H ND, N ND
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	43.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-06-2018

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