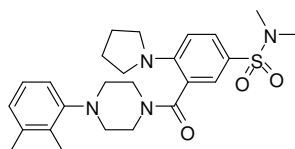




Certificate of Analysis

Axon Catalogue ID: 3028 **Batch Number:** 1
Product Name: ML184
Alternative Name(s): CID2440433
IUPAC Name: 3-(4-(2,3-Dimethylphenyl)piperazine-1-carbonyl)-N,N-dimethyl-4-(pyrrolidin-1-yl)benzenesulfonamide

Structure:



Amount:

CAS number(s): 794572-10-4
Molecular Formula: C₂₅H₃₄N₄O₃S **Molecular Weight:** 470.63
Batch Molecular Formula: C₂₅H₃₄N₄O₃S **Batch Molecular Weight:** 470.63
Appearance: Off-white solid **Observed mp:** 122.2 - 124.8 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
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 63.80, H 7.28, N 11.90; Found: C 64.07, H 7.23, N 11.83
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	47.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 24-03-2020

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