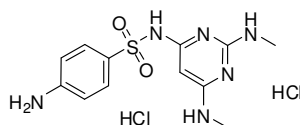




Certificate of Analysis

Axon Catalogue ID: 1330 **Batch Number:** 1
Product Name: RO 04-6790 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 4-Amino-N-(2,6-bis(methylamino)pyrimidin-4-yl)benzenesulfonamide dihydrochloride

Structure:



Amount:

CAS number(s): 1197333-95-1
Molecular Formula: C₁₂H₁₆N₆O₂S.2HCl **Molecular Weight:** 381.28
Batch Molecular Formula: C₁₂H₁₆N₆O₂S.2HCl.1.5H₂O **Batch Molecular Weight:** 408.30
Appearance: Light-yellow solid **Observed mp:** 192 - 195 °C
TLC (R_f): 0.35 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 35.30, H 5.18, N 20.58; Found: C 35.51, H 4.88, N 20.51
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	8.0	19.6	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	18.2	44.6	
	EtOH			Not Tested

Remarks:

QC Date: 07-02-2019

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