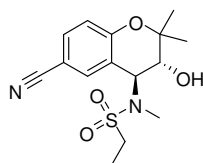




Certificate of Analysis

Axon Catalogue ID: 1294 **Batch Number:** 2
Product Name: Chromanol 293B
Alternative Name(s): N.A.
IUPAC Name: N-((3R,4S)-6-Cyano-3-hydroxy-2,2-dimethylchroman-4-yl)-N-methylethanesulfonamide

Structure:



Amount:

CAS number(s): 163163-23-3
Molecular Formula: C₁₅H₂₀N₂O₄S **Molecular Weight:** 324.40
Batch Molecular Formula: C₁₅H₂₀N₂O₄S **Batch Molecular Weight:** 324.40
Appearance: White solid **Observed mp:** 220 - 222 °C
TLC (R_f): 0.71 DCM/MeOH (20:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.54, H 6.21, N 8.64; Found: C 55.50, H 6.03, N 8.57
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)			Not Tested
	DMSO	23.0	70.9	
	EtOH			Not Tested

Remarks:

QC Date: 07-06-2021

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