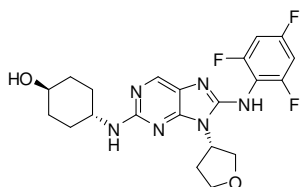




Certificate of Analysis

Axon Catalogue ID: 2634 **Batch Number:** 1
Product Name: CC-930
Alternative Name(s): Tanzisertib
IUPAC Name: trans-4-(9-((S)-Tetrahydrofuran-3-yl)-8-(2,4,6-trifluorophenylamino)-9H-purin-2-ylamino)cyclohexanol

Structure:



Amount:

CAS number(s): 899805-25-5
Molecular Formula: C₂₁H₂₃F₃N₆O₂ **Molecular Weight:** 448.44
Batch Molecular Formula: C₂₁H₂₃F₃N₆O₂ **Batch Molecular Weight:** 448.44
Appearance: White solid **Observed mp:** 217.2 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.25, H 5.17, N 18.73; Found: C 56.34, H 5.12, N 18.97
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	16.0	35.7	
DMSO	44.8	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 8-3-2022

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