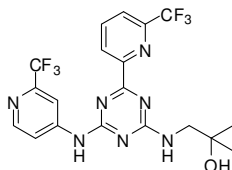




Certificate of Analysis

Axon Catalogue ID: 2745 **Batch Number:** 1
Product Name: AG-221
Alternative Name(s): Enasidenib
IUPAC Name: 2-Methyl-1-(4-(6-(trifluoromethyl)pyridin-2-yl)-6-(2-(trifluoromethyl)pyridin-4-ylamino)-1,3,5-triazin-2-ylamino)propan-2-ol

Structure:



Amount:

CAS number(s): 1446502-11-9
Molecular Formula: C₁₉H₁₇F₆N₇O **Molecular Weight:** 473.38
Batch Molecular Formula: C₁₉H₁₇F₆N₇O.0.1H₂O **Batch Molecular Weight:** 475.18
Appearance: White solid **Observed mp:** 113 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.02, H 3.65, N 20.63; Found: C 47.78, H 3.26, N 20.44
Storage Conditions: Store at +4 °C

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	47.5	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 16-9-2022

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