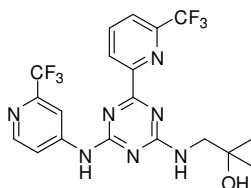




## Certificate of Analysis

**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:** C<sub>19</sub>H<sub>17</sub>F<sub>6</sub>N<sub>7</sub>O **Molecular Weight:** 473.38  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>17</sub>F<sub>6</sub>N<sub>7</sub>O.0.1H<sub>2</sub>O **Batch Molecular Weight:** 475.18  
**Appearance:** White solid **Observed mp:** 113 °C  
**TLC (R<sub>f</sub>):** 0.55 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** 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

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	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:** 13-09-2017

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**