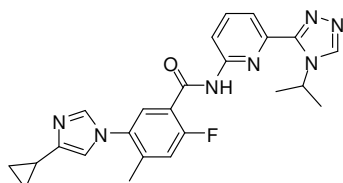




## Certificate of Analysis

**Axon Catalogue ID:** 2956 **Batch Number:** 1  
**Product Name:** Selonsertib  
**Alternative Name(s):** GS 4997  
**IUPAC Name:** 5-(4-Cyclopropyl-1H-imidazol-1-yl)-2-fluoro-N-(6-(4-isopropyl-4H-1,2,4-triazol-3-yl)pyridin-2-yl)-4-methylbenzamide

**Structure:**



**Amount:**

**CAS number(s):** 1448428-04-3  
**Molecular Formula:** C<sub>24</sub>H<sub>24</sub>FN<sub>7</sub>O **Molecular Weight:** 445.49  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>24</sub>FN<sub>7</sub>O **Batch Molecular Weight:** 445.49  
**Appearance:** White solid **Observed mp:** 205 °C  
**TLC (R<sub>f</sub>):** 0.54 DCM/MeOH (9:1)  
**Chemical Purity:** 99.2%  
**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 64.71, H 5.43, N 22.01; Found: C 64.72, H 5.48, N 22.12  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	23.0	51.6	
	DMSO	16.7	37.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 03-05-2019

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

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