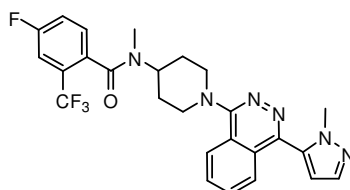




## Certificate of Analysis

**Axon Catalogue ID:** 2196 **Batch Number:** 1  
**Product Name:** LY 2940680  
**Alternative Name(s):** Taladegib  
**IUPAC Name:** 4-Fluoro-N-methyl-N-(1-(4-(1-methyl-1H-pyrazol-5-yl)phthalazin-1-yl)piperidin-4-yl)-2-(trifluoromethyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 1258861-20-9  
**Molecular Formula:** C<sub>26</sub>H<sub>24</sub>F<sub>4</sub>N<sub>6</sub>O **Molecular Weight:** 512.50  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>24</sub>F<sub>4</sub>N<sub>6</sub>O.0.25H<sub>2</sub>O **Batch Molecular Weight:** 517.01  
**Appearance:** White solid **Observed mp:** 190 - 192 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.7%  
**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 60.40, H 4.78, N 16.26; Found: C 60.49, H 4.25, N 16.26  
**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)	0.0	0.0	Insoluble
	DMSO	32.0	61.9	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 13-05-2020

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**