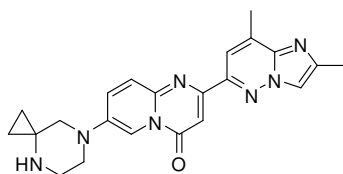




## Certificate of Analysis

**Axon Catalogue ID:** 3093 **Batch Number:** 1  
**Product Name:** Risdiplam  
**Alternative Name(s):** RG7916; RO7034067  
**IUPAC Name:** 2-(2,8-Dimethylimidazo[1,2-b]pyridazin-6-yl)-7-(4,7-diazaspiro[2.5]octan-7-yl)-4H-pyrido[1,2-a]pyrimidin-4-one

**Structure:**



**Amount:**

**CAS number(s):** 1825352-65-5  
**Molecular Formula:** C<sub>22</sub>H<sub>23</sub>N<sub>7</sub>O **Molecular Weight:** 401.46  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>23</sub>N<sub>7</sub>O.0.25H<sub>2</sub>O **Batch Molecular Weight:** 405.97  
**Appearance:** Yellow solid **Observed mp:** 237.5 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.36 DCM/MeOH (9:1)  
**Chemical Purity:** 99.5%  
**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 65.09, H 5.83, N 24.15; Found: C 65.03, H 5.70, N 24.19  
**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)	38.0	93.6	
	DMSO	1.9	4.7	Insoluble
	EtOH			Not Tested

**Remarks:**

**QC Date:** 07-07-2020

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**