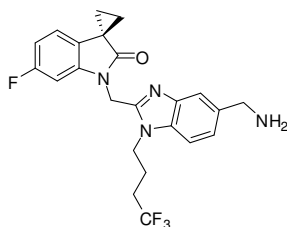


## Certificate of Analysis

**Axon Catalogue ID:** 4085 **Batch Number:** 1  
**Product Name:** Sisunatovir  
**Alternative Name(s):** RV521  
**IUPAC Name:** 1'-((5-(Aminomethyl)-1-(4,4,4-trifluorobutyl)-1H-benzo[d]imidazol-2-yl)methyl)-6'-fluorospiro[cyclopropane-1,3'-indolin]-2'-one

**Structure:**



**Amount:**

**CAS number(s):** 1903763-82-5  
**Molecular Formula:** C<sub>23</sub>H<sub>22</sub>F<sub>4</sub>N<sub>4</sub>O **Molecular Weight:** 446.44  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>22</sub>F<sub>4</sub>N<sub>4</sub>O.0.75H<sub>2</sub>O **Batch Molecular Weight:** 459.95  
**Appearance:** Light-yellow solid **Observed mp:** 160 °C  
**TLC (R<sub>f</sub>):** 0.34 DCM/MeOH/NH<sub>3</sub> (20:1:0.1)  
**Chemical Purity:** 99.1%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 60.06, H 5.15, N 12.18; Found: C 60.22, H 5.19, N 12.07  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	3.2	7.0	
	DMSO	11.5	25.0	
	EtOH	2.7	5.9	

**Remarks:**

**QC Date:** 12-1-2024

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**