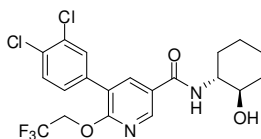




## Certificate of Analysis

**Axon Catalogue ID:** 3564 **Batch Number:** 1  
**Product Name:** ABCA1 inducer compound G  
**Alternative Name(s):** Cpd G  
**IUPAC Name:** 5-(3,4-Dichlorophenyl)-N-((1R,2R)-2-hydroxycyclohexyl)-6-(2,2,2-trifluoroethoxy)nicotinamide

**Structure:**



**Amount:**

**CAS number(s):** 1269826-44-9  
**Molecular Formula:** C<sub>20</sub>H<sub>19</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 463.28  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>19</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 463.28  
**Appearance:** White solid **Observed mp:** 165.0 - 167.5 °C  
**TLC (R<sub>f</sub>):** 0.3 Hex/EtOAc (1:1)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):** 100%  
**Optical Rotation (Det.):** [α]<sub>D</sub> = -3.2° with c = 1 in CHCl<sub>3</sub>  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 51.85, H 4.13, N 6.05; Found: C 51.51, H 3.97, N 6.03  
**Storage Conditions:** Store at -20 °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)			Not Tested
	DMSO	46.0	99.3	
	EtOH	8.8	19.0	

**Remarks:**

**QC Date:** 14-7-2022

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**