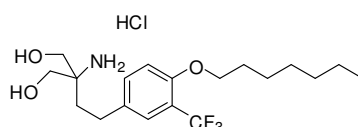




## Certificate of Analysis

**Axon Catalogue ID:** 3096 **Batch Number:** 1  
**Product Name:** Amiselimod hydrochloride  
**Alternative Name(s):** MT-1303  
**IUPAC Name:** 2-Amino-2-(4-(heptyloxy)-3-(trifluoromethyl)phenethyl)propane-1,3-diol hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 942399-20-4 (parent), 942398-84-7 (HCl (1:1))  
**Molecular Formula:** C<sub>19</sub>H<sub>30</sub>F<sub>3</sub>NO<sub>3</sub>.HCl **Molecular Weight:** 413.90  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>30</sub>F<sub>3</sub>NO<sub>3</sub>.HCl **Batch Molecular Weight:** 413.90  
**Appearance:** White solid **Observed mp:** 176.6 - 177.2 °C  
**TLC (R<sub>f</sub>):** 0.37 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**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 55.13, H 7.55, N 3.38; Found: C 55.20, H 7.54, N 3.01  
**Storage Conditions:** Desiccate at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.9	2.1	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	41.4	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 25-03-2020

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**