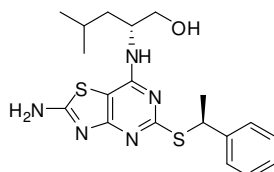




## Certificate of Analysis

**Axon Catalogue ID:** 2255 **Batch Number:** 3  
**Product Name:** AZD 8797  
**Alternative Name(s):** CX3CR1 antagonist 18a  
**IUPAC Name:** (R)-2-(2-Amino-5-((S)-1-phenylethylthio)thiazolo[4,5-d]pyrimidin-7-ylamino)-4-methylpentan-1-ol

**Structure:**



**Amount:**

**CAS number(s):** 911715-90-7  
**Molecular Formula:** C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub> **Molecular Weight:** 403.56  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub> **Batch Molecular Weight:** 403.56  
**Appearance:** White solid **Observed mp:** 116 - 117 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**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 56.55, H 6.24, N 17.35; Found: C 56.22, H 6.29, N 16.99  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.3	85.0	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 31-01-2017

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**