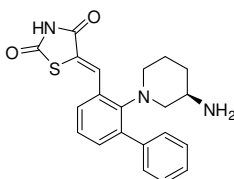




## Certificate of Analysis

**Axon Catalogue ID:** 2795 **Batch Number:** 1  
**Product Name:** AZD1208  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (R,Z)-5-((2-(3-Aminopiperidin-1-yl)biphenyl-3-yl)methylene)thiazolidine-2,4-dione

**Structure:**



**Amount:**

**CAS number(s):** 1204144-28-4  
**Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>S **Molecular Weight:** 379.48  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>S.0.75H<sub>2</sub>O **Batch Molecular Weight:** 392.99  
**Appearance:** Yellow solid **Observed mp:** 212 - 215 °C  
**TLC (R<sub>f</sub>):** 0.73 DCM/MeOH (4:1)  
**Chemical Purity:** 98.8%  
**Optical Purity (ee):** optically pure  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.18, H 5.77, N 10.69; Found: C 64.29, H 5.79, N 10.73  
**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	39.3	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 28-6-2018

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**