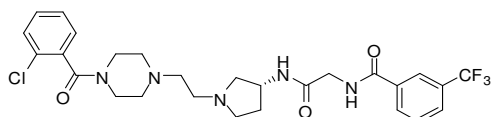




## Certificate of Analysis

**Axon Catalogue ID:** 2636 **Batch Number:** 1  
**Product Name:** YJC-10592  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (R)-N-(2-(1-(2-(4-(2-Chlorobenzoyl)piperazin-1-yl)ethyl)pyrrolidin-3-ylamino)-2-oxoethyl)-3-(trifluoromethyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 1226894-87-6  
**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>ClF<sub>3</sub>N<sub>5</sub>O<sub>3</sub> **Molecular Weight:** 566.01  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>31</sub>ClF<sub>3</sub>N<sub>5</sub>O<sub>3</sub>·0.5H<sub>2</sub>O **Batch Molecular Weight:** 575.02  
**Appearance:** Light-brown solid **Observed mp:** 65 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 98.0%  
**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 56.40, H 5.61, N 12.18; Found: C 56.43, H 5.39, N 12.08  
**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	50.0	87.0	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 22-05-2017

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**