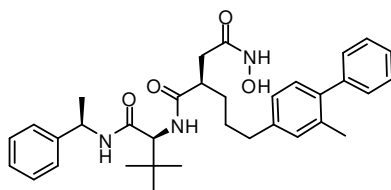




## Certificate of Analysis

**Axon Catalogue ID:** 2111 **Batch Number:** 1  
**Product Name:** UK 356618  
**Alternative Name(s):** PF 03890101  
**IUPAC Name:** (R)-N1-((S)-3,3-dimethyl-1-oxo-1-((R)-1-phenylethylamino)butan-2-yl)-N4-hydroxy-2-(3-(2-methylbiphenyl-4-yl)propyl)succinamide

**Structure:**



**Amount:**

**CAS number(s):** 230961-08-7  
**Molecular Formula:** C<sub>34</sub>H<sub>43</sub>N<sub>3</sub>O<sub>4</sub> **Molecular Weight:** 557.72  
**Batch Molecular Formula:** C<sub>34</sub>H<sub>43</sub>N<sub>3</sub>O<sub>4</sub>·0.25H<sub>2</sub>O **Batch Molecular Weight:** 562.23  
**Appearance:** Off-white solid **Observed mp:** 103 - 105 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (1:1)  
**Chemical Purity:** 98.3%  
**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 72.63, H 7.80, N 7.47; Found: C 72.49, H 7.72, N 7.03  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		0.0	0.0
0.1N NaOH (aq)				Not Tested
0.1N HCl (aq)				Not Tested
DMSO		56.2	>100 mM	
EtOH				Not Tested

**Remarks:**

**QC Date:** 04-02-2019

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**