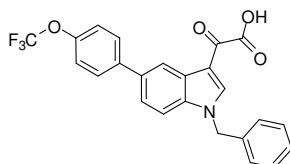




## Certificate of Analysis

**Axon Catalogue ID:** 1383 **Batch Number:** 3  
**Product Name:** Tiplaxtinin  
**Alternative Name(s):** PAI 039  
**IUPAC Name:** 2-(1-Benzyl-5-(4-(trifluoromethoxy)phenyl)-1H-indol-3-yl)-2-oxoacetic acid

**Structure:**



**Amount:**

**CAS number(s):** 393105-53-8  
**Molecular Formula:** C<sub>24</sub>H<sub>16</sub>F<sub>3</sub>NO<sub>4</sub> **Molecular Weight:** 439.38  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>16</sub>F<sub>3</sub>NO<sub>4</sub> **Batch Molecular Weight:** 439.38  
**Appearance:** Yellow solid **Observed mp:** 164.7 - 165.4 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (4:1)  
**Chemical Purity:** 99.0%  
**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 65.61, H 3.67, N 3.19; Found: C 65.34, H 3.58, N 3.17  
**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	43.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 7-6-2021

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**