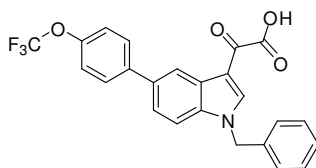




Certificate of Analysis

Axon Catalogue ID: 1383 **Batch Number:** 2
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: C₂₄H₁₆F₃NO₄ **Molecular Weight:** 439.38
Batch Molecular Formula: C₂₄H₁₆F₃NO₄ **Batch Molecular Weight:** 439.38
Appearance: Yellow solid **Observed mp:** 167.5 - 169.5 °C
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.60, H 3.67, N 3.19; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °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 | 43.9 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 01-06-2018

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only