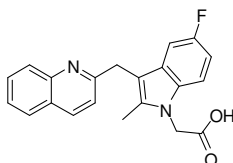




Certificate of Analysis

Axon Catalogue ID: 1913 **Batch Number:** 1
Product Name: Timapiprant
Alternative Name(s): OC000459
IUPAC Name: 2-(5-Fluoro-2-methyl-3-(quinolin-2-ylmethyl)-1H-indol-1-yl)acetic acid

Structure:



Amount:

CAS number(s): 851723-84-7
Molecular Formula: C₂₁H₁₇FN₂O₂ **Molecular Weight:** 348.37
Batch Molecular Formula: C₂₁H₁₇FN₂O₂·0.5H₂O **Batch Molecular Weight:** 357.38
Appearance: Yellow solid **Observed mp:** >248 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (4:1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.58, H 5.08, N 7.84; Found: C 70.86, H 4.87, N 7.77
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)	9.6	26.9	40 °C facilitates the solubility
	0.1N HCl (aq)			Not Tested
	DMSO	6.6	18.5	
	EtOH			Not Tested

Remarks:

QC Date: 12-2-2019

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only