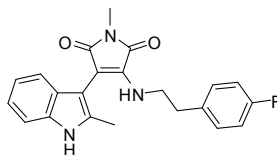




Certificate of Analysis

Axon Catalogue ID: 2511 **Batch Number:** 1
Product Name: IM 12
Alternative Name(s): N.A.
IUPAC Name: 3-(4-Fluorophenethylamino)-1-methyl-4-(2-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione

Structure:



Amount:

CAS number(s): 1129669-05-1
Molecular Formula: C₂₂H₂₀FN₃O₂ **Molecular Weight:** 377.41
Batch Molecular Formula: C₂₂H₂₀FN₃O₂ **Batch Molecular Weight:** 377.41
Appearance: Yellow solid **Observed mp:** 193 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.01, H 5.34, N 11.13; Found: C 70.31, H 5.42, N 11.18
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)	0.0	0.0	Insoluble
	DMSO	34.0	90.1	
	EtOH			Not Tested

Remarks:

QC Date: 03-11-2015

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