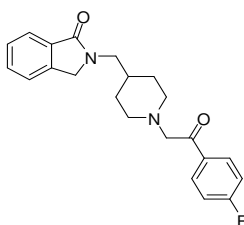




Certificate of Analysis

Axon Catalogue ID: 3859 **Batch Number:** 1
Product Name: Roluperidone
Alternative Name(s): CYR101; MT210; MIN101
IUPAC Name: 2-((1-(2-(4-Fluorophenyl)-2-oxoethyl)piperidin-4-yl)methyl)isoindolin-1-one

Structure:



Amount:

CAS number(s): 359625-79-9
Molecular Formula: C₂₂H₂₃FN₂O₂ **Molecular Weight:** 366.43
Batch Molecular Formula: C₂₂H₂₃FN₂O₂ **Batch Molecular Weight:** 366.43
Appearance: Beige solid **Observed mp:** 131.8 - 134.0 °C
TLC (R_f): 0.3 EtOAc (100%)
Chemical Purity: 98.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.11, H 6.33, N 7.64; Found: C 71.77, H 6.49, N 7.58
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)	36.0	98.2	
	DMSO	7.3	19.9	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 24-4-2023

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