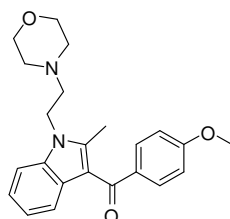


Certificate of Analysis

Axon Catalogue ID: 1523 **Batch Number:** 1
Product Name: Pravadoline
Alternative Name(s): WIN 48098
IUPAC Name: (4-Methoxy-phenyl)-[2-methyl-1-(2-morpholin-4-yl-ethyl)-1H-indol-3-yl]-methanone

Structure:



Amount:

CAS number(s): 92623-83-1
Molecular Formula: C₂₃H₂₆N₂O₃ **Molecular Weight:** 378.46
Batch Molecular Formula: C₂₃H₂₆N₂O₃ **Batch Molecular Weight:** 378.46
Appearance: Off-white solid **Observed mp:** 110 - 111 °C
TLC (R_f): 0.85 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.99, H 6.92, N 7.40; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	37.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-11-2018

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