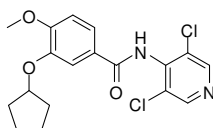




Certificate of Analysis

Axon Catalogue ID: 4013 **Batch Number:** 1
Product Name: Piclamilast
Alternative Name(s): RP73401
IUPAC Name: 3-(Cyclopentyloxy)-N-(3,5-dichloropyridin-4-yl)-4-methoxybenzamide

Structure:



Amount:

CAS number(s): 144035-83-6
Molecular Formula: C₁₈H₁₈Cl₂N₂O₃ **Molecular Weight:** 381.25
Batch Molecular Formula: C₁₈H₁₈Cl₂N₂O₃ **Batch Molecular Weight:** 381.25
Appearance: White solid **Observed mp:** 155.8 - 158.4 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.71, H 4.76, N 7.35; Found: C 56.71, H 4.82, N 7.17
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	38.1	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 11-9-2023

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