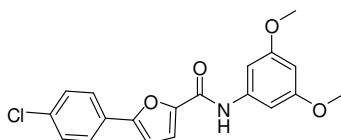




Certificate of Analysis

Axon Catalogue ID: 1915 **Batch Number:** 2
Product Name: A 803467
Alternative Name(s): N.A.
IUPAC Name: 5-(4-Chlorophenyl)-N-(3,5-dimethoxyphenyl)furan-2-carboxamide

Structure:



Amount:

CAS number(s): 944261-79-4
Molecular Formula: C₁₉H₁₆ClNO₄ **Molecular Weight:** 357.79
Batch Molecular Formula: C₁₉H₁₆ClNO₄ **Batch Molecular Weight:** 357.79
Appearance: Off-white solid **Observed mp:** 139.4 - 140.7 °C
TLC (R_f): 0.38 DCM
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.78, H 4.51, N 3.91; Found: C 63.77, H 4.39, N 3.99
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)			Not Tested
	DMSO	35.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-06-2017

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