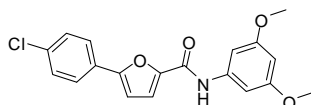




Certificate of Analysis

Axon Catalogue ID: 1915 **Batch Number:** 1
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: 944261-79-4
Batch Molecular Formula: C₁₉H₁₆ClNO₄ **Batch MW:** 357.79
Appearance: off-white solid **Observed m.p.:** 138 - 139 °C
TLC (R_f): 0.3 DCM
Chemical Purity: 99.2% **Wavelength for purity check:** 318 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	1eq. NaOH			Not Tested
	1eq. HCl			Not Tested
	DMSO	35.8	>100 mM	Soluble
	EtOH			Not Tested

Remarks:

Quality controller: Erik S. Vermeulen, PhD **Date:** 9/17/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only