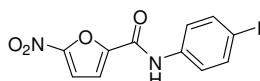




Certificate of Analysis

Axon Catalogue ID: 2923 **Batch Number:** 1
Product Name: STING inhibitor C-176
Alternative Name(s): STING inhibitor 1
IUPAC Name: N-(4-Iodophenyl)-5-nitrofuran-2-carboxamide

Structure:



Amount:

CAS number(s): 314054-00-7
Molecular Formula: C₁₁H₇IN₂O₄ **Molecular Weight:** 358.09
Batch Molecular Formula: C₁₁H₇IN₂O₄ **Batch Molecular Weight:** 358.09
Appearance: Yellow solid **Observed mp:** 224 - 226 °C
TLC (R_f): 0.82 DCM/MeOH (20:1)
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 36.90, H 1.97, N 7.82; Found: C 36.96, H 2.04, N 7.68
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: Suspected to be light-sensitive

QC Date: 16-01-2019

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