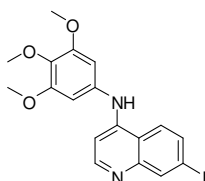




Certificate of Analysis

Axon Catalogue ID: 3676 **Batch Number:** 1
Product Name: PKN3 inhibitor compound 16
Alternative Name(s): N.A.
IUPAC Name: 7-Iodo-N-(3,4,5-trimethoxyphenyl)quinolin-4-amine

Structure:



Amount:

CAS number(s): 2361545-75-5
Molecular Formula: C₁₈H₁₇IN₂O₃ **Molecular Weight:** 436.24
Batch Molecular Formula: C₁₈H₁₇IN₂O₃ **Batch Molecular Weight:** 436.24
Appearance: Pale-yellow solid **Observed mp:** 243 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.56, H 3.93, N 6.42; Found: C 49.56, H 3.86, N 6.26
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)	3.0	6.9	* Warming (40°C)
	DMSO	43.6	>100 mM	
	EtOH	8.5	19.5	* Warming (40°C)

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 20-1-2023

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