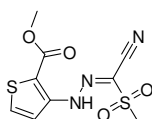




Certificate of Analysis

Axon Catalogue ID: 2614 **Batch Number:** 1
Product Name: HIF-2a Translation Inhibitor 76
Alternative Name(s): N.A.
IUPAC Name: Methyl 3-(2-(cyano(methylsulfonyl)methylene)hydrazinyl)thiophene-2-carboxylate

Structure:



Amount:

CAS number(s): 882268-69-1
Molecular Formula: C₉H₉N₃O₄S₂ **Molecular Weight:** 287.32
Batch Molecular Formula: C₉H₉N₃O₄S₂ **Batch Molecular Weight:** 287.32
Appearance: Yellow solid **Observed mp:** 208 - 209 °C
TLC (R_f): 0.7 Hex/EtOAc (1:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 37.62, H 3.16, N 14.62; Found: C 37.63, H 3.24, N 14.43
Storage Conditions: Store at -20 °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	21.0	73.1	
	EtOH			Not Tested

Remarks: Suspected to be unstable in solution, especially at elevated temperatures; It is recommended to use a freshly prepared stock solution for your experiments.

QC Date: 24-11-2020

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