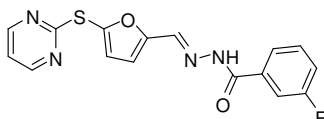




Certificate of Analysis

Axon Catalogue ID: 3080 **Batch Number:** 1
Product Name: NCGC00249987
Alternative Name(s): EYA2 inhibitor 9987
IUPAC Name: (E)-3-Fluoro-N'-((5-(pyrimidin-2-ylthio)furan-2-yl)methylene)benzohydrazide

Structure:



Amount:

CAS number(s): 1384864-80-5
Molecular Formula: C₁₆H₁₁FN₄O₂S **Molecular Weight:** 342.35
Batch Molecular Formula: C₁₆H₁₁FN₄O₂S **Batch Molecular Weight:** 342.35
Appearance: Pale-yellow solid **Observed mp:** 207.8 - 211.9 °C
TLC (R_f): 0.5 EtOAc (100%)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.13, H 3.24, N 16.37; Found: C 55.90, H 3.24, N 16.14
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	16.7	48.8	
	EtOH			Not Tested

Remarks:

QC Date: 19-05-2020

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