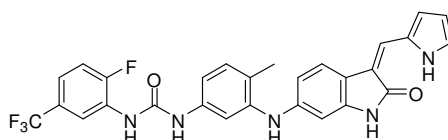




Certificate of Analysis

Axon Catalogue ID: 2248 **Batch Number:** 1
Product Name: GNF 5837
Alternative Name(s): N.A.
IUPAC Name: 1-(3-(3-((1H-Pyrrol-2-yl)methylene)-2-oxindolin-6-ylamino)-4-methylphenyl)-3-(2-fluoro-5-(trifluoromethyl)phenyl)urea

Structure:



Amount:

CAS number(s): 1033769-28-6
Molecular Formula: C₂₈H₂₁F₄N₅O₂ **Molecular Weight:** 535.49
Batch Molecular Formula: C₂₈H₂₁F₄N₅O₂ **Batch Molecular Weight:** 535.49
Appearance: Red solid **Observed mp:** 204 - 206 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 98.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.80, H 3.95, N 13.07; Found: C 62.73, H 3.83, N 13.03
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)	0.0	0.0	Insoluble
	DMSO	53.5	>100 mM	
	EtOH			Not Tested

Remarks: Is suspected to be unstable in solution

QC Date: 13-05-2020

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