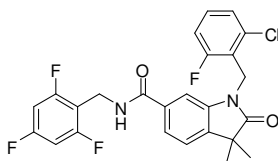




Certificate of Analysis

Axon Catalogue ID: 3673 **Batch Number:** 1
Product Name: STING activator C53
Alternative Name(s): Compound 53
IUPAC Name: 1-(2-Chloro-6-fluorobenzyl)-3,3-dimethyl-2-oxo-N-(2,4,6-trifluorobenzyl)indoline-6-carboxamide

Structure:



Amount:

CAS number(s): 2259624-71-8
Molecular Formula: C₂₅H₁₉ClF₄N₂O₂ **Molecular Weight:** 490.88
Batch Molecular Formula: C₂₅H₁₉ClF₄N₂O₂ **Batch Molecular Weight:** 490.88
Appearance: White solid **Observed mp:** 199 - 200 °C
TLC (R_f): 0.66 PE/EtOAc (1:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.17, H 3.90, N 5.71; Found: C 61.15, H 3.88, N 5.72
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	48.0	97.8	
	EtOH	6.0	12.2	

Remarks:

QC Date: 26-8-2022

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