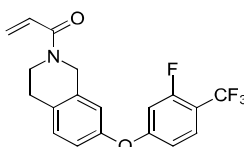




Certificate of Analysis

Axon Catalogue ID: 4444 **Batch Number:** 1
Product Name: OPN-9652
Alternative Name(s): N.A.
IUPAC Name: 1-(7-(3-Fluoro-4-(trifluoromethyl)phenoxy)-1,2,3,4-tetrahydro-2-isoquinolyl)-2-propen-1-one

Structure:



Amount:

CAS number(s): 2866423-35-8
Molecular Formula: C₁₉H₁₅F₄NO₂ **Molecular Weight:** 365.32
Batch Molecular Formula: C₁₉H₁₅F₄NO₂ **Batch Molecular Weight:** 365.32
Appearance: White solid **Observed mp:** 70.3 - 72.7 °C
TLC (R_f): 0.63 Hex/EtOAc (1:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.47, H 4.14, N 3.83; Found: C 62.68, H 4.54, N 3.71
Storage Conditions: Desiccate 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	36.5	>100 mM	
	EtOH	36.5	>100 mM	

Remarks:

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