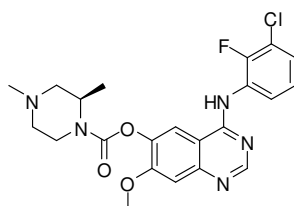




Certificate of Analysis

Axon Catalogue ID: 2563 **Batch Number:** 1
Product Name: AZD 3759
Alternative Name(s): N.A.
IUPAC Name: (R)-4-(3-Chloro-2-fluorophenylamino)-7-methoxyquinazolin-6-yl 2,4-dimethylpiperazine-1-carboxylate

Structure:



Amount:

CAS number(s): 1626387-80-1
Molecular Formula: C₂₂H₂₃ClFN₅O₃ **Molecular Weight:** 459.90
Batch Molecular Formula: C₂₂H₂₃ClFN₅O₃ **Batch Molecular Weight:** 459.90
Appearance: Off-white solid **Observed mp:** 110.4 - 112.6 °C
TLC (R_f): 0.69 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.90, H 5.10, N 15.08; Found: C 56.58, H 4.63, N 15.01
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	10.7	23.2	
	DMSO	40.0	87.0	
	EtOH			Not Tested

Remarks:

QC Date: 27-05-2021

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