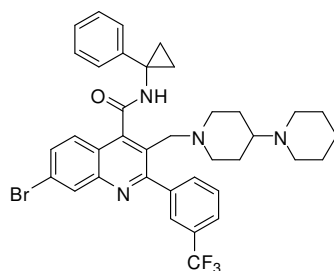


Certificate of Analysis

Axon Catalogue ID: 2742 **Batch Number:** 1
Product Name: GSK 2193874
Alternative Name(s): N.A.
IUPAC Name: 3-(1,4'-Bipiperidin-1'-ylmethyl)-7-bromo-N-(1-phenylcyclopropyl)-2-(3-(trifluoromethyl)phenyl)quinoline-4-carboxamide

Structure:



Amount:

CAS number(s): 1336960-13-4
Molecular Formula: C₃₇H₃₈BrF₃N₄O **Molecular Weight:** 691.62
Batch Molecular Formula: C₃₇H₃₈BrF₃N₄O.0.5H₂O **Batch Molecular Weight:** 700.63
Appearance: White solid **Observed mp:** 155 - 156 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.43, H 5.61, N 8.00; Found: C 63.22, H 5.24, N 7.89
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	48.0	68.5	
	EtOH			Not Tested

Remarks: The material is electrostatic.

QC Date: 27-03-2018

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