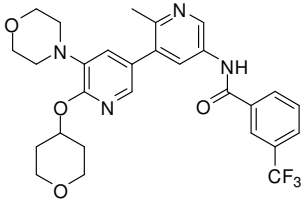


Certificate of Analysis

Axon Catalogue ID:	2817	Batch Number:	1
Product Name:	RAF709		
Alternative Name(s):	N.A.		
IUPAC Name:	N-(2-Methyl-5'-morpholino-6'-(tetrahydro-2H-pyran-4-yloxy)-3,3'-bipyridin-5-yl)-3-(trifluoromethyl)benzamide		
Structure:			Amount:
CAS number(s):	1628838-42-5		
Molecular Formula:	C ₂₈ H ₂₉ F ₃ N ₄ O ₄	Molecular Weight:	542.55
Batch Molecular Formula:	C ₂₈ H ₂₉ F ₃ N ₄ O ₄	Batch Molecular Weight:	542.55
Appearance:	White solid	Observed mp:	199.3 - 200.8 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.5%		
Optical Purity (ee):	N.A.		
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 61.99, H 5.39, N 10.33; Found: C 61.95, H 5.47, N 10.23		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	48.0	88.5
	EtOH		Not Tested
Remarks:			
QC Date:	03-05-2019		

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