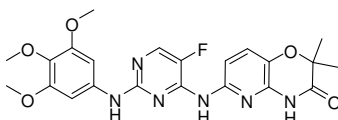




Certificate of Analysis

Axon Catalogue ID: 1674 **Batch Number:** 1
Product Name: R406
Alternative Name(s): Tamatinib
IUPAC Name: 6-(5-Fluoro-2-(3,4,5-trimethoxyphenylamino)pyrimidin-4-ylamino)-2,2-dimethyl-2H-pyrido[3,2-b][1,4]oxazin-3(4H)-one

Structure:



Amount:

CAS number(s): 841290-80-0
Molecular Formula: C₂₂H₂₃FN₆O₅ **Molecular Weight:** 470.45
Batch Molecular Formula: C₂₂H₂₃FN₆O₅ **Batch Molecular Weight:** 470.45
Appearance: Light-gray solid **Observed mp:** 207.3 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.17, H 4.93, N 17.86; Found: C ND, H ND, N ND
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)			Not Tested
	DMSO	38.0	80.8	
	EtOH			Not Tested

Remarks:

QC Date: 1-11-2018

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