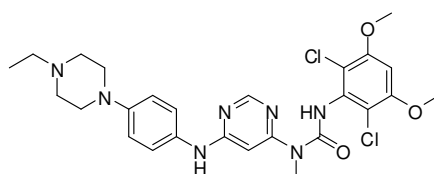




Certificate of Analysis

Axon Catalogue ID: 1775 **Batch Number:** 1
Product Name: NVP-BGJ398
Alternative Name(s): BGJ 398; Infigratinib
IUPAC Name: 3-(2,6-Dichloro-3,5-dimethoxyphenyl)-1-(6-(4-(4-ethylpiperazin-1-yl)phenylamino)pyrimidin-4-yl)-1-methylurea

Structure:



Amount:

CAS number(s): 872511-34-7
Molecular Formula: C₂₆H₃₁Cl₂N₇O₃ **Molecular Weight:** 560.48
Batch Molecular Formula: C₂₆H₃₁Cl₂N₇O₃ **Batch Molecular Weight:** 560.48
Appearance: White solid **Observed mp:** 216 °C
TLC (R_f): 0.57 DCM/MeOH/NH₄OH (4:1:0.1)
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 55.72, H 5.57, N 17.49; 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	20.0	35.7	
	EtOH			Not Tested

Remarks:

QC Date: 31-01-2019

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