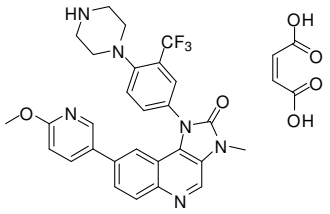
Certificate of Analysis

Axon Catalogue ID:	2029	**Batch Number:**	1
Product Name:	NVP-BGT226		
Alternative Name(s):	BGT 226		
IUPAC Name:	8-(6-Methoxypyridin-3-yl)-3-methyl-1-(4-(piperazin-1-yl)-3-(trifluoromethyl)phenyl)-1H-imidazo[4,5-c]quinolin-2(3H)-one maleate		
Structure:		**Amount:**	
CAS number(s):	915020-55-2 (parent), 1245537-68-1 (maleate (1:1))		
Molecular Formula:	C28H25F3N6O2.C4H4O4	**Molecular Weight:**	650.60
Batch Molecular Formula:	C28H25F3N6O2.C4H4O4	**Batch Molecular Weight:**	650.60
Appearance:	Off-white solid	**Observed mp:**	>200°C (decomp)
TLC (R_f)**:**	0.3 DCM/MeOH/NH3 (20:1:0.1)		
Chemical Purity:	99.1%		
Optical Purity (ee):	N.A.		
1H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 59.07, H 4.49, N 12.92; Found: C 58.68, H 4.02, N 12.88		
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	22.0	33.8	
EtOH			Not Tested

Remarks:

QC Date: 30-3-2019

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

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