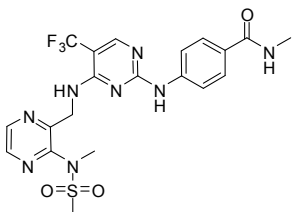




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	2574	<b>Batch Number:</b>	1
<b>Product Name:</b>	Defactinib		
<b>Alternative Name(s):</b>	VS 6063; PF 04554878		
<b>IUPAC Name:</b>	N-Methyl-4-(4-((3-(N-methylmethylsulfonamido)pyrazin-2-yl)methylamino)-5-(trifluoromethyl)pyrimidin-2-ylamino)benzamide		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	1073154-85-4		
<b>Molecular Formula:</b>	C20H21F3N8O3S	<b>Molecular Weight:</b>	510.49
<b>Batch Molecular Formula:</b>	C20H21F3N8O3S.0.25H2O	<b>Batch Molecular Weight:</b>	515.00
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	243.9 - 244.8 °C
<b>TLC (R<sub>f</sub>):</b>	0.67	DCM/MeOH (9:1)	
<b>Chemical Purity:</b>	98.5%		
<b>Optical Purity (ee):</b>	N.A.		
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 46.64, H 4.21, N 21.76; Found: C 46.43, H 4.21, N 21.64		
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	11.8	22.9
	EtOH		
			Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	18-05-2016		

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only