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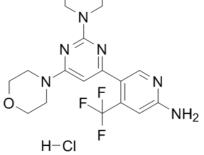
Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: NVP-BKM120 hydrochloride
Cat. No.	: PC-44217
CAS No.	: 1312445-63-8
Batch No.	: PC-4421701
Chemical Name	2-Pyridinamine, 5-(2,6-di-4-morpholinyl-4-pyrimidinyl)-4-(trifluoromethyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	:	446.8545		
Molecular Formula	:	$C_{18}H_{22}CIF_3N_6O_2$		
Storage	:	Powder	-20°C	12 Months
			4°C	6 Months
		In solvent	-80°C	6 Months
			-20°C	1 Month
Chemical Structure	:		I	



ANALYTICAL DATA	
Appearance	: Solid powder
¹ H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com