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Certificate of Analysis

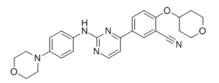
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: TBK1-IN-1
Cat. No.	: PC-43042
CAS No.	: 1292310-49-6
Batch No.	: PC-4304201
Chemical Name	: Benzonitrile, 5-[2-[[4-(4-morpholinyl)phenyl]amino]-4-pyrimidinyl]-2-[(tetrahydro-2H-pyran- 4-yl)oxy]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 457.5243	
Molecular Formula	: C ₂₆ H ₂₇ N ₅ O ₃	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month

Chemical Structure :



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