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Certificate of Analysis

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Product Name	: QN-302
Cat. No.	: PC-21822
CAS No.	: 2546091-70-5
Batch No.	: PC-2182201
Chemical Name	2,7-bis(3-morpholinopropyl)-4-((2-(pyrrolidin-1-yl)ethyl)amino)-9-(4-(pyrrolidin-1- ylmethyl)phenyl)benzo[lmn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 791.99	
Molecular Formula	: C ₄₅ H ₅₇ N ₇ O ₆	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month
Chemical Structure	: (N^)	N N N N
	Å	L L

ANALYTICAL DATAAppearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent withPurity (HPLC and/or LCCMS): S98%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