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Certificate of Analysis

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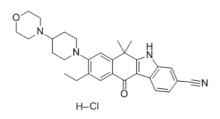
Product Name	: Alectinib hydrochloride
Cat. No.	: PC-43321
CAS No.	: 1256589-74-8
Batch No.	: PC-4332101
Chemical Name	 5H-Benzo[b]carbazole-3-carbonitrile, 9-ethyl-6,11-dihydro-6,6-dimethyl-8-[4-(4-morpholinyl)-1-piperidinyl]-11-oxo-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 519.0775	
Molecular Formula	: C ₃₀ H ₃₅ ClN ₄ O ₂	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months

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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