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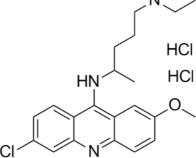
Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	Quinacrine dihydrochloride
Cat. No.	: PC-43699
CAS No.	: 69-05-6
Batch No.	: PC-4369901
Chemical Name	: 1,4-Pentanediamine, N4-(6-chloro-2-methoxy-9-acridinyl)-N1,N1-diethyl-, hydrochloride (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 472.8787	
Molecular Formula	: C ₂₃ H ₃₂ Cl ₃ N ₃ O	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month
Chemical Structure	:	N
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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