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## **Certificate of Analysis**

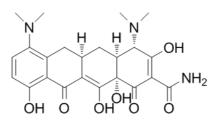
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	Minocycline hydrochloride
Cat. No.	: PC-45234
CAS No.	: 13614-98-7
Batch No.	: PC-4523401
Chemical Name	2-Naphthacenecarboxamide, 4,7-bis(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro- 3,10,12,12a-tetrahydroxy-1,11-dioxo-, hydrochloride (1:1), (4S,4aS,5aR,12aS)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 493.9373		
Molecular Formula	: C <sub>23</sub> H <sub>28</sub> CIN <sub>3</sub> O <sub>7</sub>		
Storage	: Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure :





## **ANALYTICAL DATA**

Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC)	: >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