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## **Certificate of Analysis**

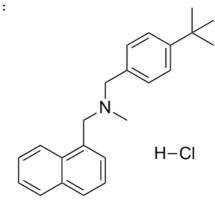
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: Butenafine hydrochloride
Cat. No.	: PC-45219
CAS No.	: 101827-46-7
Batch No.	: PC-4521901
Chemical Name	: 1-Naphthalenemethanamine, N-[[4-(1,1-dimethylethyl)phenyl]methyl]-N-methyl-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	:	353.9281		
Molecular Formula	:	C <sub>23</sub> H <sub>28</sub> CIN		
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
<sup>1</sup> 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