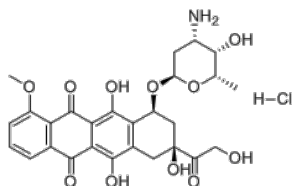


**Product Name** : Doxorubicin hydrochloride  
**Cat. No.** : PC-49305  
**CAS No.** : 25316-40-9  
**Batch No.** : PC-4930501  
**Chemical Name** : 10-[(3-Amino-2,3,6-trideoxy- $\alpha$ -L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-5,12-naphthacenedione hydrochloride

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 579.99  
**Molecular Formula** :  $C_{27}H_{29}NO_{11} \cdot HCl$   
**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  
 **$^1H$  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