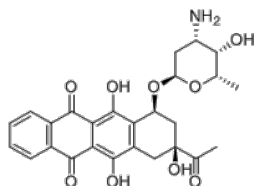


**Product Name** : Idarubicin  
**Cat. No.** : PC-63054  
**CAS No.** : 58957-92-9  
**Batch No.** : PC-6305401  
**Chemical Name** : (7S,9S)-9-acetyl-7-[(2R,4S,5S,6S)-4-amino-5-hydroxy-6-methyloxan-2-yl]oxy-6,9,11-trihydroxy-8,10-dihydro-7H-tetracene-5,12-dione

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 497.494  
**Molecular Formula** : C<sub>26</sub>H<sub>27</sub>NO<sub>9</sub>  
**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