

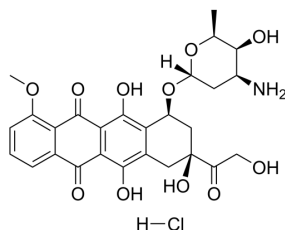
## Doxorubicin (hydrochloride)

Cat. No.:	HY-15142
CAS No.:	25316-40-9
Batch No.:	397355
Chemical Name:	5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy- $\alpha$ -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(2-hydroxyacetyl)-1-methoxy-, hydrochloride (1:1), (8S,10S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>27</sub> H <sub>30</sub> ClNO <sub>11</sub>
Molecular Weight:	579.98
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	Red to orange (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.90%
Conclusion:	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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