

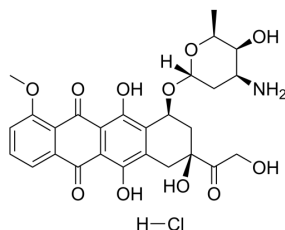
Doxorubicin (hydrochloride)

Cat. No.: HY-15142
 CAS No.: 25316-40-9
 Batch No.: 397355
 Chemical Name: 5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy- α -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: $C_{27}H_{30}ClNO_{11}$
 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)
¹H 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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