

Daunorubicin hydrochloride

Catalog No: #S1511

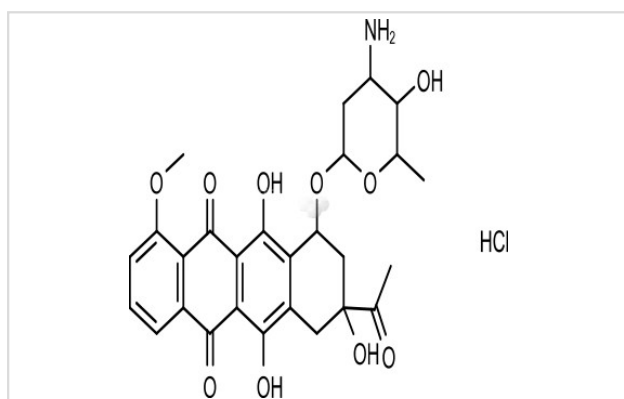
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Description

Product Name	Daunorubicin hydrochloride
Brief Description	Inhibitors
Purification	96.21%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	563.99
Formulation	C ₂₇ H ₂₉ NO ₁₀ HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: C[C@H]1[C@H]([C@H]([C@@H](O1)O)[C@H]2C[C@@](CC3=C(C4=C(C(=C23)O)C(=O)C5=C(C4=O)C=CC=C5OC)O)(C(=O)C)O)N)O Pathways: DNA Damage/DNA Repair Receptor: DNA synthesis Boiling pt: 770°C? Melting pt: 190°C? Solubility: Water: 100 mg/mL (177.31 mM); DMSO: 100 mg/mL (177.31 mM) Appearance: Red Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Fu Y, et al. Thromb Haemost, 2010, 104(6), 1235-1241.

Note: This product is for in vitro research use only