

Doxorubicin

Catalog No: #S1456

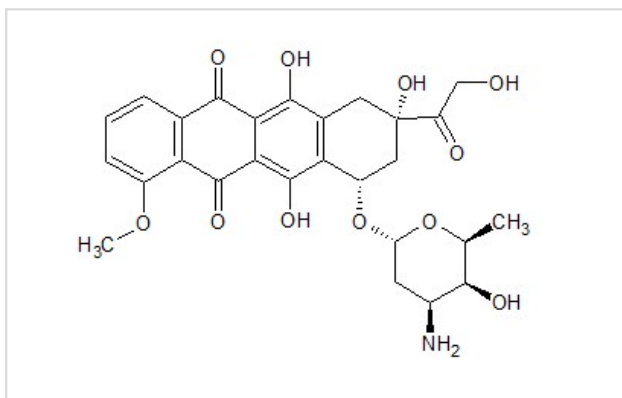
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Description

Product Name	Doxorubicin
Brief Description	Inhibitors
Purification	99.37%
Target Name	Topoisomerase inhibitor
Calculated MW	543.52
Formulation	C27H29NO11
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: C[C@H]1[C@H]([C@H](C[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)CO)N)O
 Pathways: DNA Damage/DNA Repair
 Receptor: Topo II
 Boiling pt: Melting pt: 205-208°C
 Solubility: DMSO: 10 mM
 Appearance: Orange 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. Preissner S, et al. Nucleic Acids Res. 2010 Jan;38(Database issue):D237-43.

Note: This product is for in vitro research use only