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Product Datasheet

Daunorubicin hydrochloride, CAS [[23541-50-6]] BYT-ORB1308388

Article Name	Daunorubicin hydrochloride, CAS [[23541-50-6]]
Biozol Catalog Number	BYT-ORB1308388
Supplier Catalog Number	orb1308388
Alternative Catalog Number	BYT-ORB1308388-1,BYT-ORB1308388-10,BYT-ORB1308388-100,BYT-ORB1308388-200,BYT-ORB1308388-25,BYT-ORB1308388-5,BYT-ORB1308388-50,BYT-ORB1308388-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Daunorubicin hydrochloride is an anthracycline-class topoisomerase II inhibitor that disrupts nucleic acid synthesis. It is widely used in cancer research, particularly in studies of leukemia, employing both in vitro cell culture and in vivo animal m...
Molecular Weight	563.99
Purity	99.53% (May vary between batches)
CAS Number	[23541-50-6]
Formula	C ₂₇ H ₂₉ NO ₁₀ HCl
Target	DNA/RNA Synthesis,Topoisomerase,Antibiotic,Antibacterial,Apoptosis,ADC Cytotoxin,Autophagy
Application Notes	Solubility: DMSO:252.5 mg/mL (447.7 mM),H ₂ O:92 mg/mL (163.12 mM),Ethanol:< 1 mg/mL (insoluble or slightly soluble),10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (8.87 mM)