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Product Datasheet

Mitoxantrone, CAS [[65271-80-9]] BYT-ORB1300634

Article Name	Mitoxantrone, CAS [[65271-80-9]]
Biozol Catalog Number	BYT-ORB1300634
Supplier Catalog Number	orb1300634
Alternative Catalog Number	BYT-ORB1300634-1,BYT-ORB1300634-100,BYT-ORB1300634-200,BYT-ORB1300634-25,BYT-ORB1300634-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Mitoxantrone is a dual Topo II and PKC inhibitor (IC ₅₀ =8.5 µM) with established antitumor activity. It is widely used in research models for leukemia, breast cancer, and hepatocellular carcinoma, supporting both in vitro mechanistic studies and in vi...
Molecular Weight	444.48
Purity	98.74% (May vary between batches)
CAS Number	[65271-80-9]
Formula	C ₂₂ H ₂₈ N ₄ O ₆
Target	Topoisomerase,Virus Protease,PKC,Apoptosis,Endogenous Metabolite
Application Notes	Solubility: Ethanol:< 1 mg/mL (insoluble or slightly soluble),5% DMSO+95% Saline:2.37 mg/mL (5.33 mM),H ₂ O:< 1 mg/mL (insoluble or slightly soluble),DMSO:88 mg/mL (197.98 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:0.15 mg/mL (0.34 mM)