Creative Enzymes®

Mitoxantrone

Cat. No. CEI-0683

Lot. No. (See product label)

Introduction

Description	An anti-tumor antibiotic and type II topoisomerase inhibitor. It disrupts DNA synthesis and DNA repair in both healthy and cancer cells. Mitoxantrone also displays broad immunosuppressive activity inhibiting proliferation of all classes of lymphocytes and inducing apoptosis of antigen-presenting T cells

Product Information

Appearance	Off-white solid
CAS No.	65271-80-9
Molecular Formula	$C_{22}H_{28}N_4O_6$
Chemical Name	1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-9,10-anthracenedione
Molecular Weight	567.55
Purity	>95% by HPLC
Targets	TOP3A
Solubility	DMSO or EtOH

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack