

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