Creative Enzymes®

PDTC

Cat. No. CEI-0586

Lot. No. (See product label)

Introduction

Description	An antioxidant and an inhibitor of NF-kB; prevents induction of nitric oxide synthase (NOS) by inhibiting translation of NOS mRNA; induces apoptosis in rat smooth muscle cells and inhibits apoptosis in leukemia HL-60 cells. Also inhibits breast cancer stem-like cells by blocking the NF-kB activity in MCF7 sphere and MCF7 cells.
Synonyms	Pyrrolidinedithiocarbamate Ammonium; PDC; APDC

Product Information

Appearance	White solid
CAS No.	5108-96-3
Molecular Formula	$C_5H_9NS_2.NH_3$
Molecular Weight	271.26
Purity	>97% by HPLC
Targets	NFKB1
Solubility	DMSO (~ 100 mM)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack