

PDTC

Cat. No. CEI-0586

Lot. No. (See product label)

Introduction

Description

An antioxidant and an inhibitor of NF-κB; 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-κB 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