

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