

## 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<sub>5</sub>H<sub>9</sub>NS<sub>2</sub>.NH<sub>3</sub>

**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