

## DHEA

Cat. No. CEI-0485

Lot. No. (See product label)

### Introduction

#### Description

DHEA is a steroid secreted by the adrenal gland with both estrogenic and androgenic properties. It is a negative modulator of GABAA receptors. DHEA inhibits the activity of G6PD (glucose 6-phosphate dehydrogenase) in a dose-dependent manner with EC<sub>50</sub> of 4.0 μm. However, DHEA does not inhibit the enzymatic activity of PGD (6-phosphogluconate dehydrogenase), the second enzyme in the pentose phosphate pathway.

#### Synonyms

5-Dehydroepiandrosterone; Dehydroisoandrosterone; Prasterone

### Product Information

#### Appearance

White to off-white solid

#### CAS No.

53-43-0

#### Molecular Formula

C 19 H 28 O 2

#### Molecular Weight

187.15

#### Purity

>99% by HPLC

#### Targets

G6PD

#### Solubility

DMSO (50 mg/ml) or Ethanol (2 mg/ml)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack